

100% STATED

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 01
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: CURT BAXTER

Building Number: 01
 Building Name: CORPORATE OFFICES
 SEATTLE, WASHINGTON
 Building Type: OFFICES
 Year Constructed: 1935

***** AREA NUMBER: 01			AREA DESCRIPTION: 1st Floor			AREA AVERAGE % ASBESTOS: 48%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
bran manager's office-southwest closet men's restroom-west wall-at floor women's restroom-south wall-at floor storage room-above safe men's restroom-west wall-at floor utility closet-southwest corner of room storage room-above safe	00-356110	55%	pipe covering	OMA	10 ft.	4 in. O.D.	LPS/R	23	III	\$89	\$56	\$145
	00-356110	55%	pipe covering	OMA	12 ft.	4 in. O.D.	LPS/R	23	III	\$107	\$67	\$174
	00-356110	55%	pipe covering	OMA	4 ft.	4 in. O.D.	LPS/R	23	III	\$36	\$22	\$58
	00-356114	40%	corrugated pipe covering	OMA	22 ft.	4 in. O.D.	DW	23	III	\$196	\$123	\$319
	01-356111	50%	mjp on pipe covering	OMA	6	4 in. O.D.	LPS/R	23	III	\$169	\$94	\$263
	01-356111	50%	mjp on pipe covering	OMA	4	4 in. O.D.	LPS/R	23	III	\$112	\$62	\$174
	01-356112	60%						23	III			
	01-356113	50%						23	III			
	02-356115	30%	mjp on corrugated pipe cover	OMA	5	4 in. O.D.	DW	23	III	\$140	\$78	\$218
	02-356116	30%						23	III			
02-356117	25%						23	III				
AREA COMMENTS										AREA # 01 TOTAL \$849 \$502 \$1,351		

*****			AREA NUMBER: 02		AREA DESCRIPTION: 1st Floor-Ceiling			AREA AVERAGE % ASBESTOS: 0%				*****		
LOCATION OF THE MATERIAL		SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
throughout-marketing office		03-356118	0%	acoustical tile	OMG	224	sq.ft.							
		03-356119	0%											
		03-356120	0%											
throughout-marketing office		04-356121	0%	acoustical tile	OMG	168	sq.ft.							
		04-356122	0%											
		04-356123	0%											
AREA COMMENTS														
AREA # 02 TOTAL											\$0	\$0	\$0	

H-K Building #: 01
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: CURT BAXTER

ASBESTOS ASSESSMENT SURVEY

Building Number: 01
 Building Name: CORPORATE OFFICES
 SEATTLE, WASHINGTON
 Building Type: OFFICES
 Year Constructed: 1935

*****	AREA NUMBER: 03	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 56%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
ladies' room-southeast corner	00-356125	55%	pipe covering	OHA	8 ft. 4 in.	O.D. LPS/R	37	III		\$71	\$45	\$116
mail room-northwest corner	00-356125	55%	pipe covering	OHA	8 ft. 4 in.	O.D. LPS/R	37	III		\$71	\$45	\$116
secretaries' office-northeast corner	00-356125	55%	pipe covering	OHA	8 ft. 4 in.	O.D. LPS/R	37	III		\$71	\$45	\$116
mail room-northwest corner	05-356126	60%	mjp on pipe covering	OHA	1 4 in.	O.D. LPS/R	37	III		\$28	\$16	\$44
secretaries' office-northeast corner	05-356126	60%	mjp on pipe covering	OHA	1 4 in.	O.D. LPS/R	37	III		\$28	\$16	\$44
	05-356127	60%					37	III				
	05-356128	50%					37	III				

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 8' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 03 TOTAL \$269 \$167 \$436

*****	AREA NUMBER: 04	AREA DESCRIPTION: 2nd Floor-Above Ceiling	AREA AVERAGE % ASBESTOS: 56%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north wall-at rafters	00-356125	55%	pipe covering	OHA	25 ft. 4 in.	O.D. LPS/R	23	III		\$223	\$139	\$362
south wall-at rafters	00-356125	55%	pipe covering	OHA	66 ft. 4 in.	O.D. LPS/R	23	III		\$589	\$368	\$957
west wall-at rafters	00-356125	55%	pipe covering	OHA	88 ft. 4 in.	O.D. LPS/R	23	III		\$785	\$491	\$1,276
north wall-at rafters	05-356126	60%	mjp on pipe covering	OHA	2 4 in.	O.D. LPS/R	23	III		\$56	\$31	\$87
south wall-at rafters	05-356126	60%	mjp on pipe covering	OHA	8 4 in.	O.D. LPS/R	23	III		\$225	\$125	\$350
west wall-at rafters	05-356126	60%	mjp on pipe covering	OHA	4 4 in.	O.D. LPS/R	23	III		\$112	\$62	\$174
	05-356127	60%					23	III				
	05-356128	50%					23	III				

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are from ceiling level to 2' above the plaster ceiling. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 04 TOTAL \$1,990 \$1,216 \$3,206

ASBESTOS ASSES SURVEY.

H-K Building # 01
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: CURT BAXTER

Building Number: 01
 Building Name: CORPORATE OFFICES
 SEATTLE, WASHINGTON
 Building Type: OFFICES
 Year Constructed: 1935

*****	AREA NUMBER: 05	AREA DESCRIPTION: 2nd Floor-Above Ceiling	AREA AVERAGE % ASBESTOS: 55X	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
northwest corner of building	06-356129	50%	debris	OMF	15 sq.ft.			88 I		\$100	\$0	\$100
	06-356130	60%						88 I				
	06-356131	55%						88 I				

AREA COMMENTS

The debris is approximately 8' from the floor. At a minimum, it is recommended that the debris be removed and the area cleaned properly. Gross removal procedures are recommended. This appears to be a minimum traffic area.

AREA # 05	TOTAL	\$100	\$0	\$100
-----------	-------	-------	-----	-------

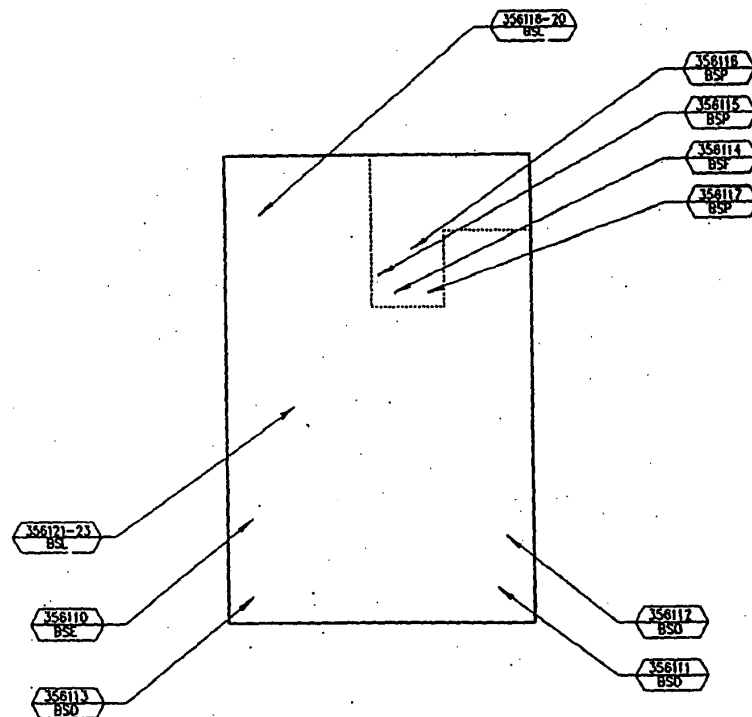
*****	AREA NUMBER: 06	AREA DESCRIPTION: 2nd Floor-Ceiling	AREA AVERAGE % ASBESTOS: 0X	*****
-------	-----------------	-------------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
throughout	07-356132	0%	acoustical tile	OMG	1000 sq.ft.							
	07-356133	0%										
	07-356134	0%										

AREA COMMENTS

AREA # 06	TOTAL	\$0	\$0	\$0
-----------	-------	-----	-----	-----

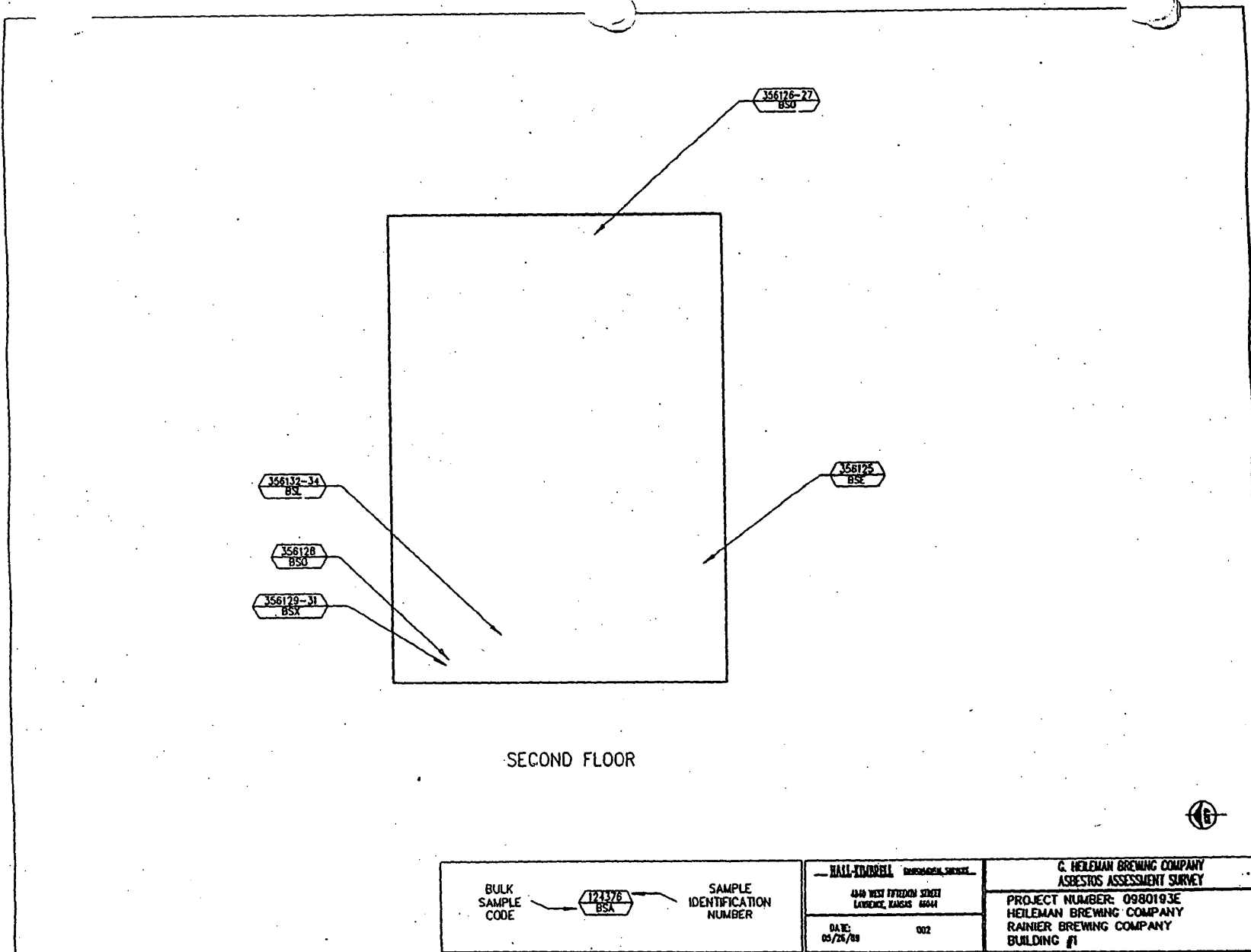
BUILDING # 01	TOTAL	\$3,208	\$1,885	\$5,093
---------------	-------	---------	---------	---------



FIRST FLOOR



BULK SAMPLE CODE	124376 BSA	SAMPLE IDENTIFICATION NUMBER	RAIL-TORRELL		G. HELEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4340 WEST PITTENGER STREET LAINSVILLE, KENTUCKY 40344		PROJECT NUMBER: 0980193E HELEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #1	
DATE: 05/28/89			001			



H-K Building # 02
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: CURT BAXTER

ASBESTOS ASSE SURVEY

TULLY OFFICES

Building Number: 02
 Building Name: CORPORATE OFFICES
 SEATTLE, WASHINGTON
 Building Type: OFFICES
 Year Constructed: 1935

***** AREA NUMBER: 01			AREA DESCRIPTION: Subbasement				AREA AVERAGE % ASBESTOS: 32%				*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
E wall-SE ofc-adjacent to personnel rec E wall-thru center-to air handling unit at north & south walls	00-356138	40%	pipe covering	OMA	22 ft. 4 in.	O.D. LPS/R	22	III		\$196	\$123	\$31	
	00-356138	40%	pipe covering	OMA	18 ft. 4 in.	O.D. LPS/R	22	III		\$161	\$100	\$26	
	01-356135	35%	mjp on non-suspect pipe cover	OMA	24	2 in. O.D.	OW	22	III	\$674	\$375	\$1,04	
	01-356136	30%						22	III				
	01-356137	35%						22	III				
E wall-SE ofc-adjacent to personnel rec E wall-thru center-to air handling unit	02-356139	25%	mjp on pipe covering	OMA	5	4 in. O.D.	LPS/R	22	III	\$140	\$78	\$21	
	02-356139	25%	mjp on pipe covering	OMA	8	4 in. O.D.	LPS/R	22	III	\$225	\$125	\$35	
	02-356140	25%						22	III				
	02-356141	30%						22	III				
above air handling unit	03-356142	30%	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	OR	22	III	\$96	\$57	\$15	
	03-356143	35%						22	III				
	03-356144	30%						22	III				

AREA COMMENTS	AREA # 01	TOTAL	\$1,492	\$858	\$2,35
---------------	-----------	-------	---------	-------	--------

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 6' from the floor. At a minimum, it is recommended that the materials be maintained and monitored after necessary repairs have been made. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

***** AREA NUMBER: 02			AREA DESCRIPTION: 1st Floor					AREA AVERAGE % ASBESTOS: 31%			*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
conference room landing-east wall	00-356145	35%	pipe covering	OMA	10 ft. 4 in.	O.D. LPS/R	25	III		\$89	\$56	\$14	
public relations landing-secretary's ofc	00-356145	35%	pipe covering	OMA	10 ft. 6 in.	O.D. LPS/R	25	III		\$130	\$81	\$21	
first aid room-east wall-center of wall	00-356145	35%	pipe covering	OMA	8 ft. 4 in.	O.D. LPS/R	25	III		\$71	\$45	\$11	
safety office-personnel-east wall	00-356145	35%	pipe covering	OMA	18 ft. 4 in.	O.D. LPS/R	25	III		\$161	\$100	\$26	
public relations landing-secretary's ofc	00-356145	35%	pipe covering	OMA	10 ft. 4 in.	O.D. LPS/R	25	III		\$89	\$56	\$14	
first aid room-east wall-center of wall	04-356330	20%	mjp on pipe covering	OMA	3	4 in. O.D.	LPS/R	25	III	\$84	\$47	\$13	
safety office-personnel-east wall	04-356330	20%	mjp on pipe covering	OMA	1	4 in. O.D.	LPS/R	25	III	\$28	\$16	\$4	
conference room landing-east wall	04-356330	20%	mjp on pipe covering	OMA	2	4 in. O.D.	LPS/R	25	III	\$56	\$31	\$8	
	04-356331	30%						25	III				
	04-356332	30%						25	III				

H-K building 2
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: CURT BAXTER

ASBESTOS ASSESSMENT SURVEY

Building Number: 02
 Building Name: CORPORATE OFFICES
 SEATTLE, WASHINGTON
 Building Type: OFFICES
 Year Constructed: 1935

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 10' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$708 \$432 \$1,140

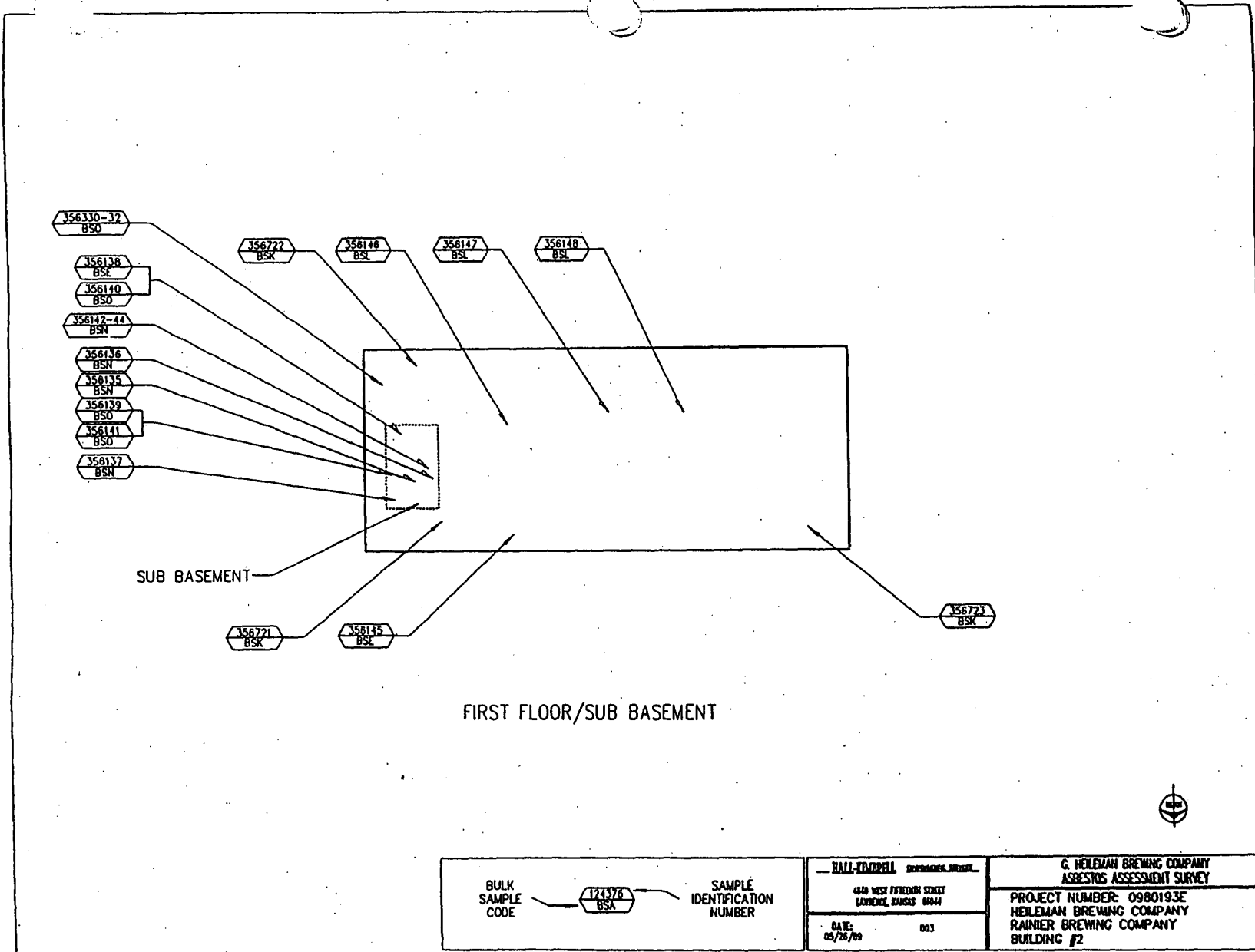
***** AREA NUMBER: 03 AREA DESCRIPTION: 1st Floor-Ceilings AREA AVERAGE % ASBESTOS: 0% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
testing room	05-356146	0%	acoustical tile	OMG	90	sq.ft.						
administrative assistant's office	05-356146	0%	acoustical tile	OMG	100	sq.ft.						
personnel manager's office	05-356146	0%	acoustical tile	OMG	160	sq.ft.						
conference landing	05-356146	0%	acoustical tile	OMG	80	sq.ft.						
first aid room	05-356146	0%	acoustical tile	OMG	120	sq.ft.						
personnel office	05-356146	0%	acoustical tile	OMG	160	sq.ft.						
bran marketing manager's office	05-356146	0%	acoustical tile	OMG	168	sq.ft.						
public relations landing-secretary's ofc	05-356146	0%	acoustical tile	OMG	360	sq.ft.						
safety office	05-356146	0%	acoustical tile	OMG	160	sq.ft.						
	05-356147	0%										
	05-356148	0%										
conference room	06-356721	0%	drop or lay-in panel	OMG	240	sq.ft.						
	06-356722	0%										
	06-356723	0%										

AREA COMMENTS

AREA # 03 TOTAL \$0 \$0 \$0

BUILDING # 02 TOTAL \$2,200 \$1,290 \$3,490



H-K Buildir
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: CURT BAXTER

ASBESTOS ASSE: SURVEY

Building Number: 03
 Building Name: MOUNTAIN HOUSE
 SEATTLE, WASHINGTON
 Building Type: BAR/LOUNGE
 Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: Air Handler Unit Rm-Above Men's Restroom	AREA AVERAGE % ASBESTOS: 0X	*****
-------	-----------------	--	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
center of room	01-356149	0X	vibration joint cloth	OHZ	4 sq.ft.							
southeast corner of room	02-356150	0X	vibration joint cloth	OHZ	4 sq.ft.							

AREA COMMENTS

AREA # 01 TOTAL \$0 \$0 \$0

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor-Lodge Bar Area	AREA AVERAGE % ASBESTOS: 0X	*****
-------	-----------------	--	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
ladies' restroom	03-356173	0X	acoustical tile	OHG	210 sq.ft.							
men's restroom	03-356173	0X	acoustical tile	OHG	130 sq.ft.							
	03-356174	0X										
	03-356175	0X										
lodging area	04-356734	0X	acoustical tile	OHG	2625 sq.ft.							
	04-356735	0X										
	04-356736	0X										

AREA COMMENTS

AREA # 02 TOTAL \$0 \$0 \$0

*****	AREA NUMBER: 03	AREA DESCRIPTION: Attic-Air Handling Unit Room	AREA AVERAGE % ASBESTOS: 65X	*****
-------	-----------------	--	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above men's restroom-at north wall	00-356151	55X	pipe covering	OMA	9 ft. 6 in.	O.D. HPS/R	38	III		\$117	\$73	\$190
above men's restroom-at north wall	00-356155	80X	pipe covering	OMA	26 ft. 4 in.	O.D. LPS/R	38	III		\$232	\$145	\$377
adjacent to air handling unit-at W side	00-356159	60X	corrugated pipe covering	OMA	5 ft. 4 in.	O.D. LPS/R	38	III		\$45	\$28	\$73
at north & south walls-near ceiling	00-356163	20X	wrapped cardboard/paper pipe	OMA	19 ft. 6 in.	O.D. DW	38	III		\$247	\$154	\$401
at north & south walls-near ceiling	00-356163	20X	wrapped cardboard/paper pipe	OMA	60 ft. 4 in.	O.D. DW	38	III		\$535	\$335	\$870
above men's restroom-at north wall	05-356152	60X	mjp on pipe covering	OMA	6 6 in.	O.D. HPS/R	38	III		\$232	\$136	\$368
	05-356153	65X					38	III				
	05-356154	70X					38	III				

HALL-KIMBRELL ENVIRONMENTAL INC.

Page 6

06/09/89

RCLLC 0001961

H-K Building
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: CURT BAXTER

ASBESTOS ASSE: SURVEY

Building Number: 03
 Building Name: MOUNTAIN HOUSE
 SEATTLE, WASHINGTON
 Building Type: BAR/LOUNGE
 Year Constructed: 1933

above men's restroom-at north wall	06-356156 75%	mjp on pipe covering	OMA	14 4 in. O.D.	LPS/R	38 III	\$393	\$219	\$612
	06-356157 80%					38 III			
	06-356158 80%					38 III			
adjacent to air handling unit-at W side	07-356160 80%	mjp on corrugated pipe cover	OMA	5 4 in. O.D.	LPS/R	38 III	\$140	\$78	\$218
	07-356161 70%					38 III			
	07-356162 80%					38 III			
at north & south walls-near ceiling	08-356164 70%	mjp on wrapped cardboard/paper	OMA	10 4 in. O.D.	DW	38 III	\$281	\$156	\$437
at north & south walls-near ceiling	08-356164 70%	mjp on wrapped cardboard/paper	OMA	5 6 in. O.D.	DW	38 III	\$193	\$114	\$307
	08-356165 65%					38 III			
	08-356166 70%					38 III			

AREA COMMENTS

The materials are in fair condition with contact and water damage. The materials are approximately 2' to 8' from the floor. At a minimum, it is recommended that the materials be repaired, then monitored under an operations and maintenance program. If removal is planned, gross removal procedures are recommended. This appears to be low traffic area.

AREA # 03 TOTAL \$2,415 \$1,438 \$3,853

***** AREA NUMBER: 04			AREA DESCRIPTION: Attic-Pipe Chase			AREA AVERAGE % ASBESTOS: 66%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north storage-center of room along west wall-at ceiling	00-356155	80%	pipe covering	OMA	30 ft. 6 in.	O.D. LPS/R	53	II		\$389	\$243	\$632
	00-356159	60%	corrugated pipe covering	OMA	40 ft. 6 in.	O.D. LPS/R	53	II		\$519	\$324	\$843
	00-356159	60%	corrugated pipe covering	OMA	140 ft. 4 in.	O.D. LPS/R	53	II		\$1,249	\$781	\$2,030
along west wall-at ceiling center of room	00-356163	20%	wrapped cardboard/paper pipe	OMA	20 ft. 4 in.	O.D. DW	53	II		\$178	\$112	\$290
	00-356163	20%	wrapped cardboard/paper pipe	OMA	40 ft. 4 in.	O.D. DW	53	II		\$357	\$223	\$580
	06-356156	75%	mjp on pipe covering	OMA	5 6 in.	O.D. LPS/R	53	II		\$193	\$114	\$307
north storage-along north wall	06-356157	80%							53	II		
	06-356158	80%							53	II		
	07-356160	80%	mjp on corrugated pipe cover	OMA	5 6 in.	O.D. LPS/R	53	II		\$193	\$114	\$307
along west wall-at ceiling	07-356160	80%	mjp on corrugated pipe cover	OMA	40 4 in.	O.D. LPS/R	53	II		\$1,124	\$624	\$1,748
	07-356161	70%							53	II		
	07-356162	80%							53	II		
center of room	08-356164	70%	mjp on wrapped cardboard/paper	OMA	4 4 in.	O.D. DW	53	II		\$112	\$62	\$174
	08-356164	70%	mjp on wrapped cardboard/paper	OMA	10 4 in.	O.D. DW	53	II		\$281	\$156	\$437
	08-356165	65%							53	II		
north storage-along north wall	08-356166	70%							53	II		

ASBESTOS ASSESSMENT SURVEY

H-K Building
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: CURT BAXTER

Building Number: 03
 Building Name: MOUNTAIN HOUSE
 SEATTLE, WASHINGTON
 Building Type: BAR/LOUNGE
 Year Constructed: 1933

AREA COMMENTS

The materials are in poor condition with contact and water damage. The materials are approximately 2' to 4' from the floor. At a minimum, it is recommended that the materials be repaired, then monitored under an operations and maintenance program. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 04	TOTAL	\$4,595	\$2,753	\$7,348
-----------	-------	---------	---------	---------

*****	AREA NUMBER: 05	AREA DESCRIPTION: Attic-Pipe Chase	AREA AVERAGE % ASBESTOS: 48%	*****
-------	-----------------	------------------------------------	------------------------------	-------

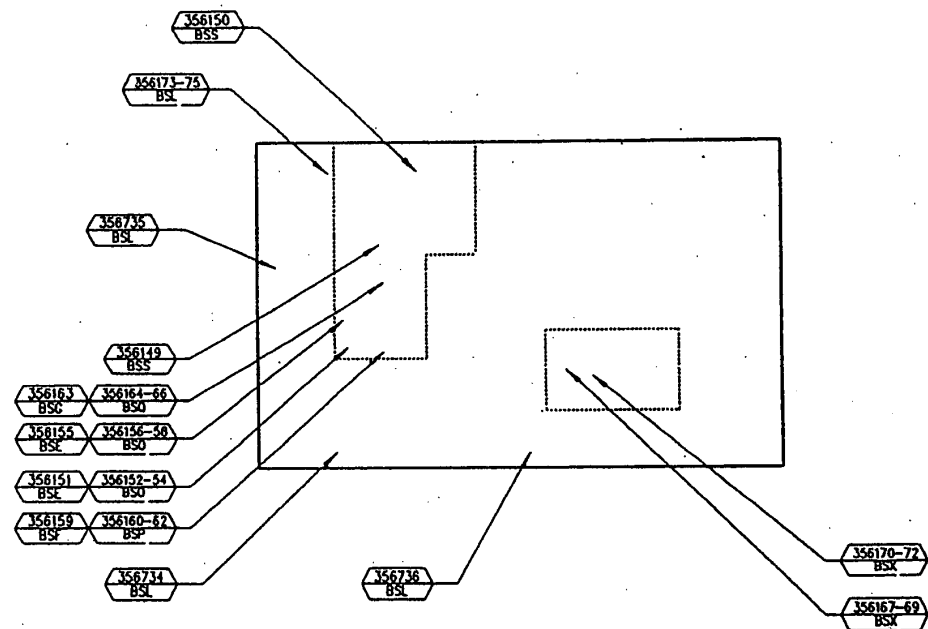
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
throughout north end of attic area	09-356167	40%	debris	OMF	20 sq.ft.			60 I		\$100	\$0	\$100
	09-356168	45%						60 I				
	09-356169	45%						60 I				
throughout north end of attic area	10-356170	50%	debris	OMF	15 sq.ft.			60 I		\$100	\$0	\$100
	10-356171	55%						60 I				
	10-356172	50%						60 I				

AREA COMMENTS

At a minimum, it is recommended that the debris be removed and the area properly cleaned. Gross removal procedures are recommended. This appears to be a low traffic area.


AREA # 05	TOTAL	\$200	\$0	\$200
-----------	-------	-------	-----	-------

BUILDING # 03	TOTAL	\$7,210	\$4,191	\$11,401
---------------	-------	---------	---------	----------



FIRST FLOOR/ATTIC SPACE



BULK SAMPLE CODE 	SAMPLE IDENTIFICATION NUMBER	HALL-TOURTEL <small>OPERATIONAL SERVICE</small>		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
		440 WEST FIFTH STREET LINCOLN, NEBRASKA 68504		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #3	
DATE: 05/26/89		001			

ASBESTOS ASSESSMENT SURVEY

H-K Building
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/26/89
 Inspector: CURT BAXTER

Building Number: 04
 Building Name: BEERAPHENALIA SHOP
 SEATTLE, WASHINGTON
 Building Type: NOVELTY SHOP
 Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	-----------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
store landing	01-356711	0%	drop or lay-in panel	OHG	96	sq.ft.						
store shop area	01-356711	0%	drop or lay-in panel	OHG	520	sq.ft.						
	01-356712	0%										
	01-356713	0%										

AREA COMMENTS

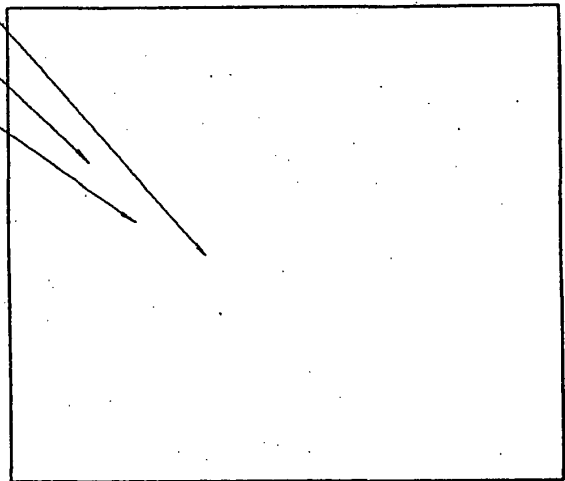
AREA # 01 TOTAL \$0 \$0 \$0

BUILDING # 04 TOTAL \$0 \$0 \$0

356713
BSK

356711
BSK

356712
BSK



FIRST FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-MORELL REMEDIATION SERVICE

4340 WEST FIFTEENTH STREET
LAURENCE, KANSAS 66044

DATE:
05/26/99

005

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #4

ASBESTOS ASSES SURVEY

H-K Building
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/23/89
Inspector: MARK VOTH

Building Number: 05/05A
Building Name: STORAGE/CREDIT UNION
SEATTLE, WASHINGTON 98134
Building Type: STORAGE
Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 53%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
credit union office-at unit handler	00-356389	70%	pipe covering	OMA	3 ft.	4 in. O.D.	HPS/R	40	II	\$27	\$17	\$44
part 5A-along south wall	00-356389	70%	pipe covering	OMA	18 ft.	6 in. O.D.	HPS/R	40	II	\$234	\$146	\$380
part 5A-along south wall	00-356389	70%	pipe covering	OMA	50 ft.	4 in. O.D.	HPS/R	40	II	\$446	\$279	\$725
electrical room-along ceiling	00-356389	70%	pipe covering	OMA	45 ft.	4 in. O.D.	HPS/R	40	II	\$401	\$251	\$652
part 5A-along south wall	05-356390	70%	mjp on pipe covering	OMA	2	6 in. O.D.	HPS/R	40	II	\$77	\$45	\$122
credit union office-at unit handler	05-356390	70%	mjp on pipe covering	OMA	2	4 in. O.D.	HPS/R	40	II	\$56	\$31	\$87
part 5A-along south wall	05-356390	70%	mjp on pipe covering	OMA	14	4 in. O.D.	HPS/R	40	II	\$393	\$219	\$612
electrical room-along ceiling	05-356390	70%	mjp on pipe covering	OMA	7	4 in. O.D.	HPS/R	40	II	\$197	\$109	\$306
	05-356391	50%							40 II			
	05-356392	70%							40 II			
filtration office-north wall-at ceiling	07-356396	10%	mjp on non-suspect pipe cover	OMA	6	4 in. O.D.	HPS/R	40	II	\$169	\$94	\$263
	07-356397	10%							40 II			
	07-356398	10%							40 II			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 8' to 20' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$2,000 \$1,191 \$3,191

*****	AREA NUMBER: 02	AREA DESCRIPTION: 3rd Floor	AREA AVERAGE % ASBESTOS: 33%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
south hall-at stairwell landing	00-356374	60%	pipe covering	OMA	8 ft.	4 in. O.D.	HPS/R	25	III	\$71	\$45	\$116
south hall-at stairwell landing	00-356374	60%	pipe covering	OMA	8 ft.	12 in. O.D.	HPS/R	25	III	\$176	\$135	\$311
south hall-at stairwell landing	03-356382	0%	pipe covering	OMA	8 ft.	10 in. O.D.	RS/R					
south hall-at stairwell landing	03-356382	0%	pipe covering	OMA	8 ft.	12 in. O.D.	RS/R					
	03-356383	0%										
	03-356384	0%										

AREA COMMENTS

The material is in good condition with minor contact and water damage. The material is approximately 8' from the floor. At a minimum, it is recommended that the material be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$247 \$180 \$427

ASBESTOS ASSESSMENT SURVEY

H-K Building J5
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: MARK VOTH

Building Number: 05/05A
 Building Name: STORAGE/CREDIT UNION
 SEATTLE, WASHINGTON 98134
 Building Type: STORAGE
 Year Constructed: 1933

*****	AREA NUMBER: 03	AREA DESCRIPTION: 3rd Floor	AREA AVERAGE % ASBESTOS: 37%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
part 5-south wall-near floor	00-356374	60%	pipe covering	OHA	125 ft.	4 in. O.D.	HPS/R	25	III	\$1,115	\$697	\$1,812
part 5-south wall-near floor	00-356374	60%	pipe covering	OHA	65 ft.	12 in. O.D.	HPS/R	25	III	\$1,431	\$1,100	\$2,531
part 5A-southwest corner-along wall	00-356374	60%	pipe covering	OHA	30 ft.	4 in. O.D.	HPS/R	25	III	\$268	\$167	\$435
near northwest corner-at ceiling	00-356374	60%	pipe covering	OHA	20 ft.	4 in. O.D.	HPS/R	25	III	\$178	\$112	\$290
part 5-along west wall-near ceiling	00-356374	60%	pipe covering	OHA	49 ft.	4 in. O.D.	HPS/R	25	III	\$437	\$273	\$710
part 5-northeast corner-below tank	00-356378	0%	pipe covering	OHA	5 ft.	10 in. O.D.	PL					
part 5-south wall-near floor	01-356375	60%	mjp on pipe covering	OHA	2	12 in. O.D.	HPS/R	25	III	\$152	\$95	\$247
near northwest corner-at ceiling	01-356375	60%	mjp on pipe covering	OHA	5	4 in. O.D.	HPS/R	25	III	\$140	\$78	\$218
part 5-along west wall-near ceiling	01-356375	60%	mjp on pipe covering	OHA	4	4 in. O.D.	HPS/R	25	III	\$112	\$62	\$174
part 5A-southwest corner-along wall	01-356375	60%	mjp on pipe covering	OHA	3	4 in. O.D.	HPS/R	25	III	\$84	\$47	\$131
part 5-south wall-near floor	01-356375	60%	mjp on pipe covering	OHA	22	4 in. O.D.	HPS/R	25	III	\$618	\$343	\$961
	01-356376	60%						25	III			
	01-356377	60%						25	III			
part 5-northeast corner-below tank	02-356379	2%	mjp on pipe covering	OHA	1	10 in. O.D.	PL	25	III	\$63	\$39	\$102
	02-356380	2%						25	III			
	02-356381	10%						25	III			
part 5-along south wall-near floor	03-356382	0%	pipe covering	OHA	65 ft.	10 in. O.D.	RS/R					
part 5-along south wall-near floor	03-356382	0%	pipe covering	OHA	65 ft.	12 in. O.D.	RS/R					
	03-356383	0%										
	03-356384	0%										

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 03	TOTAL	\$4,598	\$3,013	\$7,611
-----------	-------	---------	---------	---------

*****	AREA NUMBER: 04	AREA DESCRIPTION: 3rd Floor	AREA AVERAGE % ASBESTOS: %	*****
-------	-----------------	-----------------------------	----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
part 5-northeast corner-hot water tank	00-999999	%	boiler/tank insulation	OMB	175	sq.ft.				\$4,944	\$3,960	\$8,904

ASBESTOS ASSESSMENT SURVEY

H-K Building 05
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: MARK VOTH

Building Number: 05/05A
 Building Name: STORAGE/CREDIT UNION
 SEATTLE, WASHINGTON 98134
 Building Type: STORAGE
 Year Constructed: 1933

AREA COMMENTS

The tank is encased in a metal jacket making sample collection impossible. The material is in good condition with no visible contact or water damage. The material is approximately 3' to 10' from the floor. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appeared to be a low traffic area.

AREA # 04 TOTAL \$4,944 \$3,960 \$8,904

***** AREA NUMBER: 05

AREA DESCRIPTION: 4th Floor

AREA AVERAGE % ASBESTOS: 49%

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
part 5A-southwest corner-along ceiling	00-356385	30%	wrapped cardboard/paper pipe	OMA	25 ft.	4 in. O.D.	DW	23	III	\$223	\$139	\$362
part 5-near center-at ceiling	00-356385	30%	wrapped cardboard/paper pipe	OMA	5 ft.	4 in. O.D.	DW	23	III	\$45	\$28	\$73
part 5A-near center-along ceiling	00-356385	30%	wrapped cardboard/paper pipe	OMA	31 ft.	4 in. O.D.	DW	23	III	\$277	\$173	\$450
part 5A-southwest corner-along ceiling	04-356386	72%	mjp on wrapped cardboard/paper	OMA	5	4 in. O.D.	DW	23	III	\$140	\$78	\$218
part 5-near center-at ceiling	04-356386	72%	mjp on wrapped cardboard/paper	OMA	3	4 in. O.D.	DW	23	III	\$84	\$47	\$131
part 5A-near center-along ceiling	04-356386	72%	mjp on wrapped cardboard/paper	OMA	2	4 in. O.D.	DW	23	III	\$56	\$31	\$87
	04-356387	70%							23 III			
	04-356388	70%							23 III			
part 5-near center-at ceiling	06-356393	30%	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	DR	23	III	\$96	\$57	\$153
	06-356394	30%							23 III			
	06-356395	30%							23 III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 10' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 05 TOTAL \$921 \$553 \$1,474

***** AREA NUMBER: 06

AREA DESCRIPTION: 5th Floor-Part 5

AREA AVERAGE % ASBESTOS: 43%

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
SE room-near southwest corner-along wall	00-356455	50%	pipe covering	OMA	17 ft.	4 in. O.D.	HPS/R	25	III	\$152	\$95	\$247
west room-southeast corner-along wall	00-356455	50%	pipe covering	OMA	7 ft.	4 in. O.D.	HPS/R	25	III	\$62	\$39	\$101
paint storage-north wall-near ceiling	00-356455	50%	pipe covering	OMA	12 ft.	4 in. O.D.	HPS/R	25	III	\$107	\$67	\$174
west room-along east wall-near ceiling	00-356455	50%	pipe covering	OMA	37 ft.	4 in. O.D.	HPS/R	25	III	\$330	\$206	\$536
north hall-along ceiling	00-356455	50%	pipe covering	OMA	21 ft.	4 in. O.D.	HPS/R	25	III	\$187	\$117	\$304
north hall-along north wall	00-356455	50%	pipe covering	OMA	12 ft.	4 in. O.D.	HPS/R	25	III	\$107	\$67	\$174
west room-along east wall-near ceiling	00-356459	20%	wrapped cardboard/paper pipe	OMA	24 ft.	4 in. O.D.	DW	25	III	\$214	\$134	\$348
north hall-along ceiling	00-356459	20%	wrapped cardboard/paper pipe	OMA	8 ft.	6 in. O.D.	DW	25	III	\$104	\$65	\$169

ASBESTOS ASSESSMENT SURVEY

H-K Building 05
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/23/89
Inspector: MARK VOTH

Building Number: 05/05A
Building Name: STORAGE/CREDIT UNION
SEATTLE, WASHINGTON 98134
Building Type: STORAGE
Year Constructed: 1933

north hall-along ceiling	00-356459	20%	wrapped cardboard/paper pipe	OHA	8 ft. 4 in. O.D.	DW	25	111	\$71	\$45	\$116
west room-along east wall-near ceiling	00-356459	20%	wrapped cardboard/paper pipe	OHA	15 ft. 6 in. O.D.	DW	25	111	\$195	\$122	\$317
north hall-along ceiling	09-356456	42%	mjp on pipe covering	OHA	5 4 in. O.D.	HPS/R	25	111	\$140	\$78	\$218
paint storage-north wall-near ceiling	09-356456	42%	mjp on pipe covering	OHA	2 4 in. O.D.	HPS/R	25	111	\$56	\$31	\$87
west room-along east wall-near ceiling	09-356456	42%	mjp on pipe covering	OHA	6 4 in. O.D.	HPS/R	25	111	\$169	\$94	\$263
SE room-near southwest corner-along wall	09-356456	42%	mjp on pipe covering	OHA	1 4 in. O.D.	HPS/R	25	111	\$28	\$16	\$44
	09-356457	52%					25	111			
	09-356458	42%					25	111			
west room-along east wall-near ceiling	10-356460	52%	mjp on wrapped cardboard/paper	OHA	2 6 in. O.D.	DW	25	111	\$77	\$45	\$122
west room-along east wall-near ceiling	10-356460	52%	mjp on wrapped cardboard/paper	OHA	2 4 in. O.D.	DW	25	111	\$56	\$31	\$87
north hall-along ceiling	10-356460	52%	mjp on wrapped cardboard/paper	OHA	1 4 in. O.D.	DW	25	111	\$28	\$16	\$44
north hall-along ceiling	10-356460	52%	mjp on wrapped cardboard/paper	OHA	1 6 in. O.D.	DW	25	111	\$39	\$23	\$62
	10-356461	52%					25	111			
	10-356462	40%					25	111			

AREA COMMENTS

The materials are in good to fair condition with minor contact and water damage. The materials are up to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 06 TOTAL \$2,122 \$1,291 \$3,413

***** AREA NUMBER: 07

AREA DESCRIPTION: 6th Floor

AREA AVERAGE % ASBESTOS: 45%

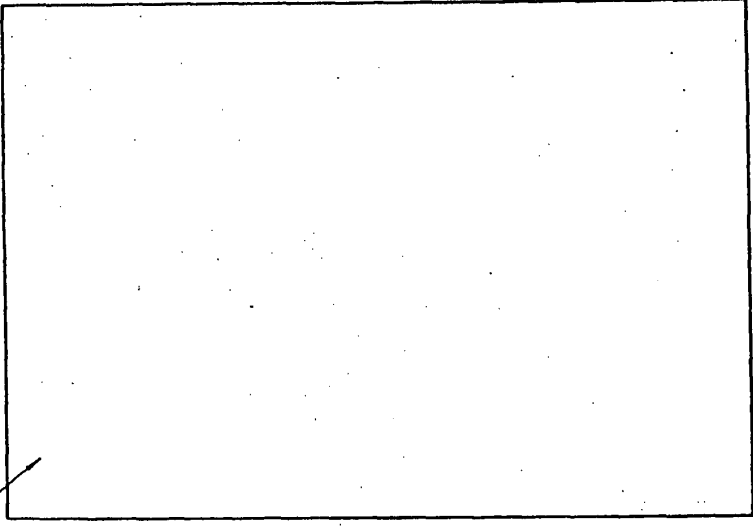
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
southwest room-along east wall	00-356451	52%	pipe covering	OHA	4 ft. 4 in. O.D.	HPS/R	23	111	\$36	\$22	\$58
southwest room-along east wall	08-356452	42%	mjp on pipe covering	OHA	1 4 in. O.D.	HPS/R	23	111	\$28	\$16	\$44
	08-356453	42%					23	111			
	08-356454	42%					23	111			

AREA COMMENTS

The materials are in good to fair condition with minor contact and water damage. The materials are from floor level to 4' high. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 07 TOTAL \$64 \$38 \$102

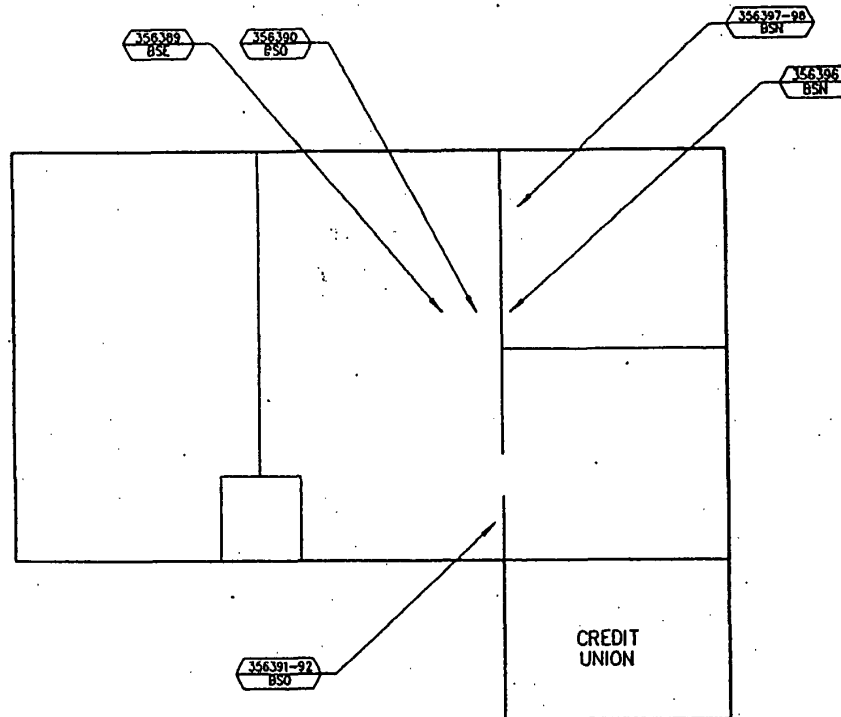
BUILDING # 05 TOTAL \$14,896 \$10,226 \$25,122



356677-79
BSA

FIRST FLOOR

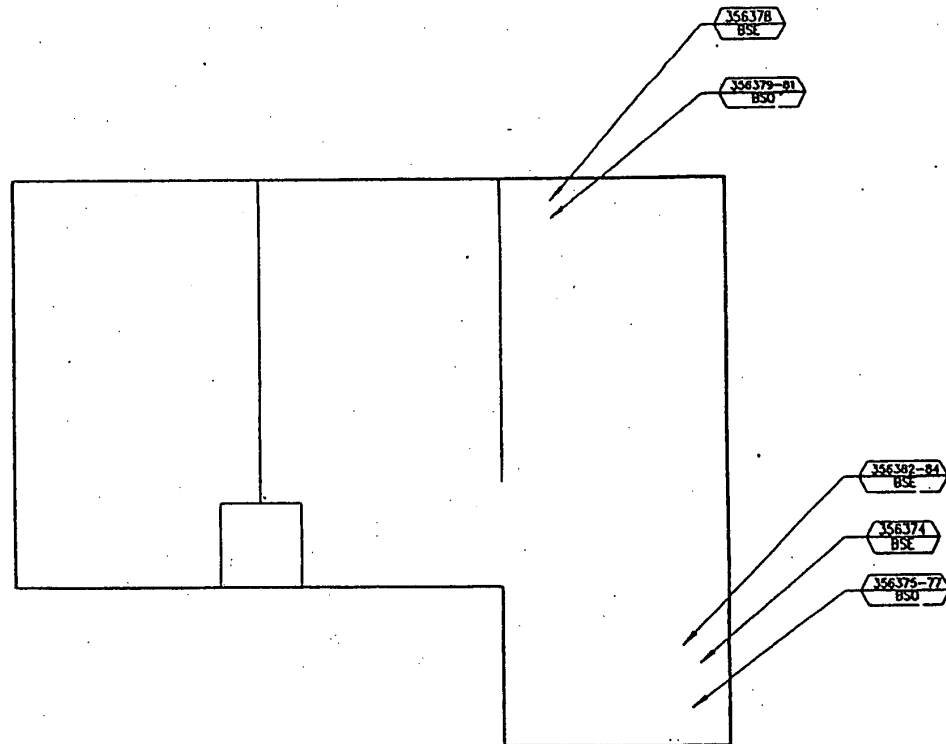
BULK SAMPLE CODE	1243376 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-EDGELL INSPECTION SERVICE		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4440 WEST 17TH AVENUE LAURENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #7 STOCK CELLARS	
			DATE: 05/26/89	013		



FIRST FLOOR




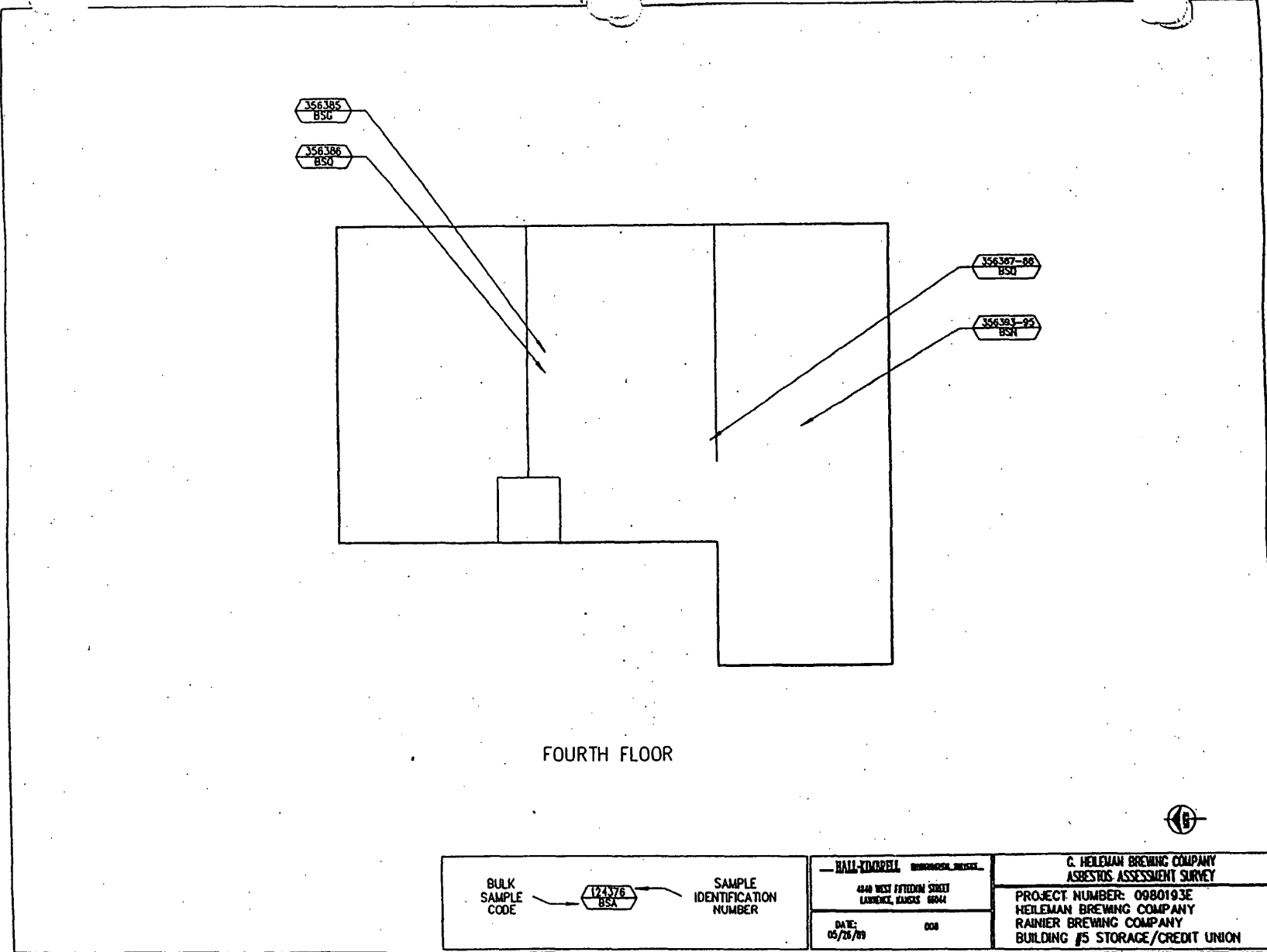
BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	WALL-TOPPEL REMEDIATION SPECIALTIES 4840 WEST 77TH AVENUE STREET LAWRENCE, KANSAS 66044		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			DATE: 05/26/89	006	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #5 STORAGE/CREDIT UNION	



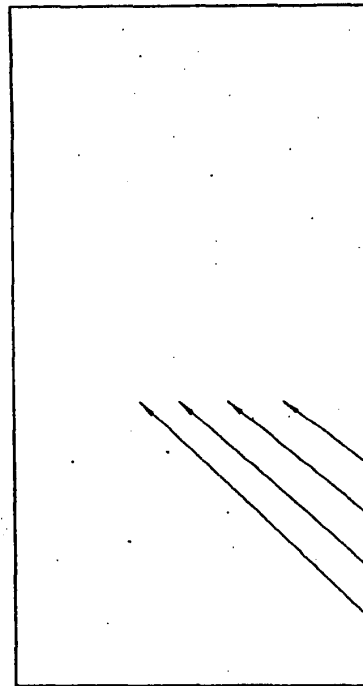
THIRD FLOOR



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-TOURRELL DOMESTIC SERVICE		G. HELEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4540 WEST FIFTEENTH STREET LORENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HELEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #5 STORAGE/CREDIT UNION	
			DATE: 05/26/89	007		



BULK SAMPLE CODE	124376 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-YOURELL 4440 WEST FIFTH AVENUE LAURENCE, KANSAS 66044		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			DATE: 05/28/89	008	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #5 STORAGE/CREDIT UNION	



FIFTH FLOOR

356456-58
BSQ

356459
BSQ

356460-62
BSQ

356455
BSQ



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-THOMPSON ENGINEERING

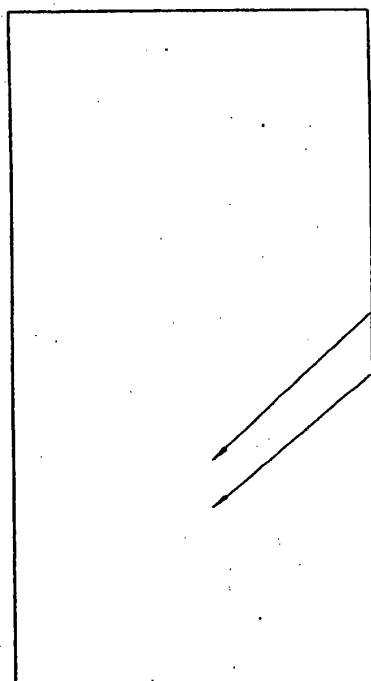
4440 WEST FIFTEENTH STREET
LAUREL, KANSAS 66044

DATE:
03/25/89

009

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #5 STORAGE/CREDIT UNION



356451
BSB

356452-54
BSO

SIXTH FLOOR



BULK SAMPLE CODE	124378 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-TOORPILL		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			040 WEST FIFTH STREET LAURENS, OREGON 97044		
			DATE: 05/26/03	010	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #5 STORAGE/CREDIT UNION

ASBESTOS ASSES SURVEY

H-K Building 06
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: MARK VOTH

Building Number: 06
 Building Name: FILTRATION
 SEATTLE, WASHINGTON 98134
 Building Type: STK CELLAR
 Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor-At Ceiling	AREA AVERAGE % ASBESTOS: 28%	*****
-------	-----------------	--	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
filtration room-center-north to south	00-356636	40%	pipe covering	OMA	85 ft. 4 in.	O.D.	HPS/R	27	III	\$758	\$474	\$1,232
filtration room-center-north to south	00-356636	40%	pipe covering	OMA	25 ft. 6 in.	O.D.	HPS/R	27	III	\$324	\$203	\$527
filtration room-center-north to south	01-356637	35%	mjp on pipe covering	OMA	16 4 in.	O.D.	HPS/R	27	III	\$449	\$250	\$699
filtration room-center-north to south	01-356637	35%	mjp on pipe covering	OMA	6 6 in.	O.D.	HPS/R	27	III	\$232	\$136	\$368
	01-356638	30%						27	III			
	01-356639	20%						27	III			
filtration room-northeast corner	02-356640	20%	mjp on non-suspect pipe cover	OMA	2 6 in.	O.D.	HPS/R	27	III	\$77	\$45	\$122
	02-356641	20%						27	III			
	02-356642	20%						27	III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 8' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$1,840 \$1,108 \$2,948

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor-Ceiling	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	-------------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
west hall	03-356643	0%	drop or lay-in panel	OMG	512 sq.ft.							
	03-356644	0%										
	03-356645	0%										
west hall	04-356646	0%	drop or lay-in panel	OMG	24 sq.ft.							
	04-356647	0%										
	04-356648	0%										
west hall	05-356649	0%	drop or lay-in panel	OMG	40 sq.ft.							
	05-356650	0%										
	05-356651	0%										

AREA COMMENTS

AREA # 02 TOTAL \$0 \$0 \$0

ASBESTOS ASSESSMENT SURVEY

H-K Building, 06
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: MARK VOTH

Building Number: 06
 Building Name: FILTRATION
 SEATTLE, WASHINGTON 98134
 Building Type: STK CELLAR
 Year Constructed: 1933

*****	AREA NUMBER: 03	AREA DESCRIPTION: 1st Floor-Above Drop Ceiling	AREA AVERAGE % ASBESTOS: 31%	*****
-------	-----------------	--	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
at air handling unit	00-356636	40%	pipe covering	OMA	10 ft.	4 in. O.D.	HPS/R	15	IV	\$89	\$56	\$145
at air handling unit	01-356637	35%	mjp on pipe covering	OMA	4	4 in. O.D.	HPS/R	15	IV	\$112	\$62	\$174
	01-356638	30%						15	IV			
	01-356639	20%						15	IV			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 9' to 11' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 03 TOTAL \$201 \$118 \$319

*****	AREA NUMBER: 04	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 25%	*****
-------	-----------------	-----------------------------	------------------------------	-------

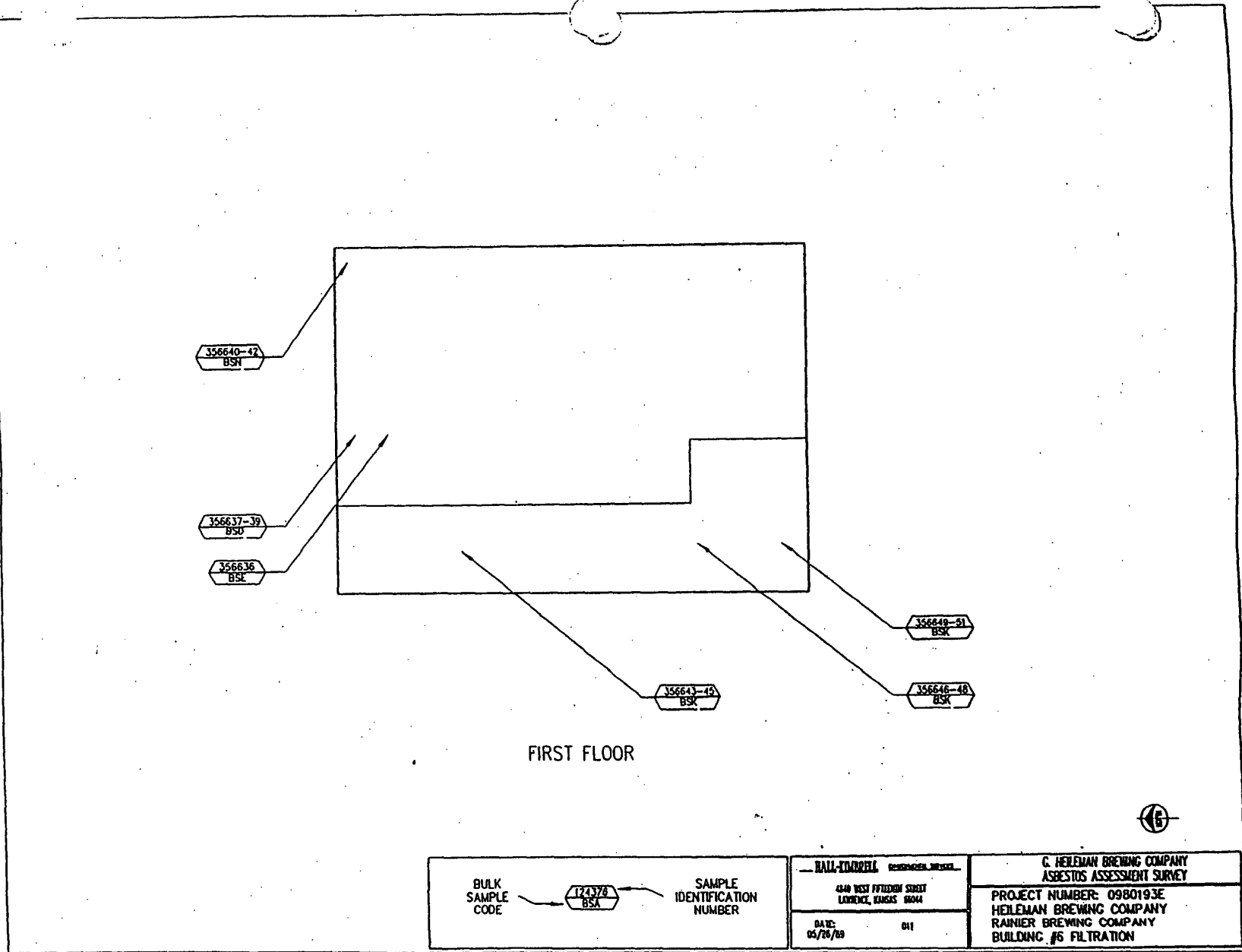
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north wall-near center	00-356652	40%	pipe covering	OMA	10 ft.	6 in. O.D.	HPS/R	38	III	\$130	\$81	\$211
north wall-near center	06-356653	20%	mjp on pipe covering	OMA	1	6 in. O.D.	HPS/R	38	III	\$39	\$23	\$62
	06-356654	20%						38	III			
	06-356655	20%						38	III			

AREA COMMENTS

The materials are in fair condition with contact and water damage. The materials are up to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

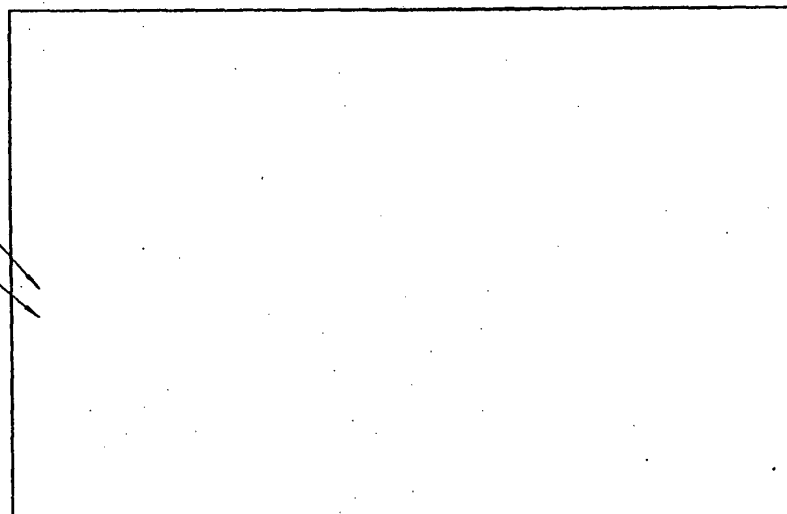
AREA # 04 TOTAL \$169 \$104 \$273

BUILDING # 06 TOTAL \$2,210 \$1,330 \$3,540




356652
BSC

356651-20
BSO



SECOND FLOOR



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-YADRELL INSPECTION SERVICE		C. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			404 WEST FIFTEEN STREET LAURENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #6 FILTRATION	
			DATE: 09/26/09		012	

ASBESTOS ASSESSMENT SURVEY

H-K Building # 07
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: MARK VOTH

Building Number: 07
 Building Name: STOCK CELLARS
 SEATTLE, WASHINGTON 98134
 Building Type: COLD STRG
 Year Constructed: 1935

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor-Ceiling	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	-------------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&N CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
northwest stairwell-throughout	01-356677	0%	drop or lay-in panel	ONG	100 sq.ft.							
	01-356678	0%										
	01-356679	0%										

AREA COMMENTS

AREA # 01 TOTAL \$0 \$0 \$0

BUILDING # 07 TOTAL \$0 \$0 \$0

H-K Building... 08
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 08
 Building Name: LABS/STORAGE
 SEATTLE, WASHINGTON
 Building Type: LAB/STRG
 Year Constructed: UNKN

***** AREA NUMBER: 01			AREA DESCRIPTION: 1st Floor			AREA AVERAGE X ASBESTOS: 23%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
southwest corner	00-356526	6%	wrapped cardboard/paper pipe	OHA	10 ft.	4 in. O.D.	DW	28	III	\$89	\$56	\$145
SW & west center area-near ceiling	00-356530	40%	pipe covering	OHA	95 ft.	8 in. O.D.	HPS/R	28	III	\$1,344	\$960	\$2,304
SW & west center area-near ceiling	00-356530	40%	pipe covering	OHA	15 ft.	6 in. O.D.	HPS/R	28	III	\$195	\$122	\$317
SW & west center area-near ceiling	00-356530	40%	pipe covering	OHA	130 ft.	4 in. O.D.	HPS/R	28	III	\$1,160	\$725	\$1,885
east wall-above carbon dioxide tank	00-356530	40%	pipe covering	OHA	22 ft.	4 in. O.D.	HPS/R	28	III	\$196	\$123	\$319
north end of room	00-356530	40%	pipe covering	OHA	35 ft.	8 in. O.D.	HPS/R	28	III	\$495	\$354	\$849
north end of room	00-356530	40%	pipe covering	OHA	70 ft.	4 in. O.D.	HPS/R	28	III	\$624	\$391	\$1,015
carbon dioxide tank-north center area	06-356523	2%	boiler/tank insulation	OHB	1010 sq.ft.			28	III	\$28,533	\$22,856	\$51,389
	06-356524	0%						28	III			
	06-356525	0%						28	III			
southwest corner	07-356527	50%	mjp on wrapped cardboard/paper	OHA	3 4 in.	O.D.	DW	28	III	\$84	\$47	\$131
	07-356528	50%						28	III			
	07-356529	60%						28	III			
east wall-above carbon dioxide tank	08-356531	0%	mjp on pipe covering	OHA	3 4 in.	O.D.	HPS/R	28	III	\$84	\$47	\$131
SW & west center area-near ceiling	08-356531	0%	mjp on pipe covering	OHA	4 4 in.	O.D.	HPS/R	28	III	\$112	\$62	\$174
SW & west center area-near ceiling	08-356531	0%	mjp on pipe covering	OHA	6 6 in.	O.D.	HPS/R	28	III	\$232	\$136	\$368
north end of room	08-356531	0%	mjp on pipe covering	OHA	14 4 in.	O.D.	HPS/R	28	III	\$393	\$219	\$612
north end of room	08-356531	0%	mjp on pipe covering	OHA	8 8 in.	O.D.	HPS/R	28	III	\$385	\$226	\$611
SW & west center area-near ceiling	08-356531	0%	mjp on pipe covering	OHA	2 8 in.	O.D.	HPS/R	28	III	\$96	\$57	\$153
	08-356532	45%						28	III			
	08-356533	0%						28	III			
SW & west center area-near ceiling	09-356534	40%	mjp on non-suspect pipe cover	OHA	6 6 in.	O.D.	DW	28	III	\$232	\$136	\$368
north end of room	09-356534	40%	mjp on non-suspect pipe cover	OHA	4 4 in.	O.D.	DW	28	III	\$112	\$62	\$174
north end of room	09-356534	40%	mjp on non-suspect pipe cover	OHA	8 6 in.	O.D.	DW	28	III	\$309	\$182	\$491
	09-356535	0%						28	III			
	09-356536	0%						28	III			

AREA COMMENTS:

The materials are in good condition with limited contact damage. The materials are approximately 1' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$34,675 \$26,761 \$61,436

***** AREA NUMBER: 02			AREA DESCRIPTION: 2nd Floor			AREA AVERAGE % ASBESTOS: 39%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
E & lamp storage rooms-along west wall	00-356506	15%	wrapped cardboard/paper pipe	OHA	40 ft.	4 in. O.D.	HPS/R	28	III	\$357	\$223	\$580

ASBESTOS ASSESSMENT SURVEY

H-K Building: 08
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/23/89
Inspector: TIM SWARTZ

Building Number: 08
Building Name: LABS/STORAGE
SEATTLE, WASHINGTON
Building Type: LAB/STRG
Year Constructed: UNKN

NW area-SE from elevator-by column	00-356510	0%	wrapped cardboard/paper pipe	OMA	7 ft. 4 in. O.D.	DW						
northwest area-by elevator	00-356511	45%	pipe covering	OMA	26 ft. 4 in. O.D.	HPS/R	28 III	\$232	\$145	\$377		
E & lamp storage rooms-along west wall	02-356507	50%	mjp on wrapped cardboard/paper	OMA	4 4 in. O.D.	HPS/R	28 III	\$112	\$62	\$174		
	02-356508	40%					28 III					
	02-356509	50%					28 III					
northwest area-by elevator	03-356512	50%	mjp on pipe covering	OMA	4 4 in. O.D.	HPS/R	28 III	\$112	\$62	\$174		
	03-356513	50%					28 III					
	03-356514	50%					28 III					

AREA COMMENTS

The materials are in fair to good condition with contact and water damage. The materials are approximately 1' to 9' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$813 \$492 \$1,305

***** AREA NUMBER: 03			AREA DESCRIPTION: 2nd Floor-Ceiling			AREA AVERAGE % ASBESTOS: 6%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
orientation room	01-356503	6%	sprayed acoustical plaster	OMD	420 sq.ft.			50 II		\$4,561	\$911	\$5,472
	01-356504	8%						50 II				
	01-356505	4%						50 II				

AREA COMMENTS

The material is in good condition with no apparent contact or water damage. The material is approximately 9' from the floor. At a minimum, it is recommended that the material be encapsulated and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 03 TOTAL \$4,561 \$911 \$5,472

***** AREA NUMBER: 04			AREA DESCRIPTION: 3rd Floor			AREA AVERAGE % ASBESTOS: 41%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
center concrete column-at north end	00-356515	0%	wrapped cardboard/paper pipe	OMA	4 ft. 4 in. O.D.	DW						
north area-near ceiling	00-356516	55%	pipe covering	OMA	60 ft. 4 in. O.D.	HPS/R	26 III	\$535	\$335	\$870		
north central storage room	00-356516	55%	pipe covering	OMA	12 ft. 4 in. O.D.	HPS/R	26 III	\$107	\$67	\$174		
west side-near ceiling	00-356516	55%	pipe covering	OMA	205 ft. 4 in. O.D.	HPS/R	26 III	\$1,829	\$1,144	\$2,973		
west side-near ceiling	04-356517	50%	mjp on pipe covering	OMA	27 4 in. O.D.	HPS/R	26 III	\$758	\$421	\$1,179		
north central storage room	04-356517	50%	mjp on pipe covering	OMA	5 4 in. O.D.	HPS/R	26 III	\$140	\$78	\$218		
north area-near ceiling	04-356517	50%	mjp on pipe covering	OMA	20 4 in. O.D.	HPS/R	26 III	\$562	\$312	\$874		
	04-356518	55%					26 III					
	04-356519	50%					26 III					

H-K Building 08
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 08
 Building Name: LABS/STORAGE
 SEATTLE, WASHINGTON
 Building Type: LAB/STRG
 Year Constructed: UNKN

E center & southeast areas-near ceiling	05-356520	30%	mjp on non-suspect pipe cover	OMA	16 4 in. O.D.	HPS/R	26 III	\$449	\$250	\$699
north area-near ceiling	05-356520	30%	mjp on non-suspect pipe cover	OMA	12 4 in. O.D.	HPS/R	26 III	\$337	\$187	\$524
	05-356521	20%					26 III			
	05-356522	30%					26 III			

AREA COMMENTS

AREA # 04 TOTAL \$4,717 \$2,794 \$7,511

The materials are in fair to good condition with minor contact and water damage. The materials are approximately 1' to 8' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

*****	AREA NUMBER: 05	AREA DESCRIPTION: 4th Floor	AREA AVERAGE % ASBESTOS: 31%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
lounge in SE area-at N end-by AHU	00-356537	40%	pipe covering	OMA	38 ft. 4 in.	O.D.	HPS/R	27 III		\$339	\$212	\$551
E office-janitor's closet-E center area	00-356537	40%	pipe covering	OMA	10 ft. 4 in.	O.D.	HPS/R	27 III		\$89	\$56	\$145
E office-janitor's closet-E center area	10-356538	20%	mjp on non-suspect pipe cover	OMA	1 4 in.	O.D.	HPS/R	27 III		\$28	\$16	\$44
	10-356539	25%						27 III				
	10-356540	20%						27 III				
lounge in SE area-at N end-by AHU	11-356541	50%	mjp on pipe covering	OMA	12 4 in.	O.D.	HPS/R	27 III		\$337	\$187	\$524
	11-356542	20%						27 III				
	11-356543	30%						27 III				

AREA COMMENTS

AREA # 05 TOTAL \$793 \$471 \$1,264

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 8' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

*****	AREA NUMBER: 06	AREA DESCRIPTION: 4th Floor-Ceilings	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	--------------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
assistant brewmaster's office & entrance	12-356544	0%	drop or lay-in panel	ONG	150 sq.ft.							
brewmaster's office	12-356544	0%	drop or lay-in panel	ONG	400 sq.ft.							
exercise room in south center area	12-356544	0%	drop or lay-in panel	ONG	200 sq.ft.							
	12-356545	0%										
	12-356546	0%										
laboratories on west side	13-356547	0%	drop or lay-in panel	ONG	1300 sq.ft.							
	13-356548	0%										

ASBESTOS ASSESSMENT SURVEY

H-K Building # 08
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: TIM SWARTZ

Building Number: 08
 Building Name: LABS/STORAGE
 SEATTLE, WASHINGTON
 Building Type: LAB/STRG
 Year Constructed: UNKN

lounges in southeast area	13-356549	0%	acoustical tile	ONG	200 sq.ft.	
	14-356550	0%				
	14-356551	0%				
	14-356552	0%				
	15-356553	0%				
E ofc area-all rooms except brewmaster's	15-356554	0%	acoustical tile	ONG	2700 sq.ft.	
	15-356555	0%				

AREA COMMENTS

AREA # 06 TOTAL \$0 \$0 \$0

***** AREA NUMBER: 07		AREA DESCRIPTION: 4th Floor-Above Drop Ceilings			AREA AVERAGE % ASBESTOS: 0%			*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	TOTAL COSTS
assistant brewmaster's office & entrance exercise room in south center area	14-356550	0%	acoustical tile	ONG	230	sq.ft.				
	14-356550	0%	acoustical tile	ONG	200	sq.ft.				
	14-356551	0%								
	14-356552	0%								

AREA COMMENTS

AREA # 07 TOTAL \$0 \$0 \$0

BUILDING # 08 TOTAL \$45,559 \$31,429 \$76,988

356533
BSO

356525
BSH

356524
BSH

356523
BSH

356534-36
BSH

356531-32
BSO

356530
BSH

356527-29
BSO

356526
BSO

FIRST FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

RAIL-TORRELL

440 WEST 77TH STREET
LAWRENCE, KANSAS 66044

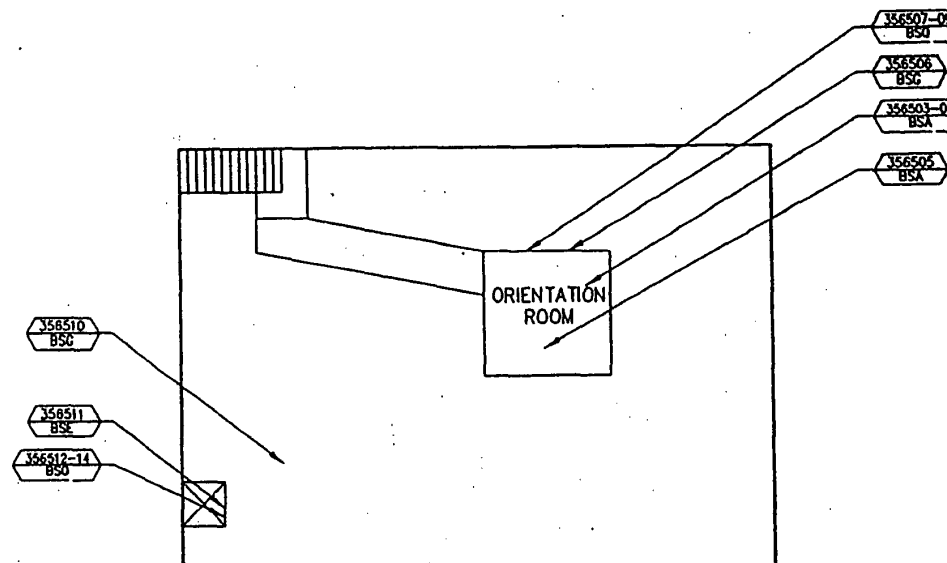
DATE:
05/26/89

014A

G. HELEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HELEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #B

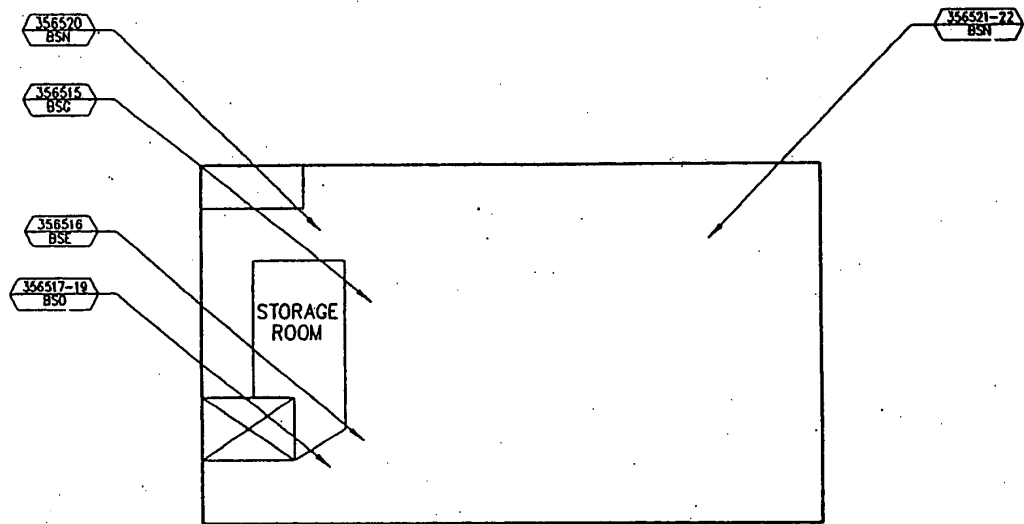
RCLLC 0001986



SECOND FLOOR



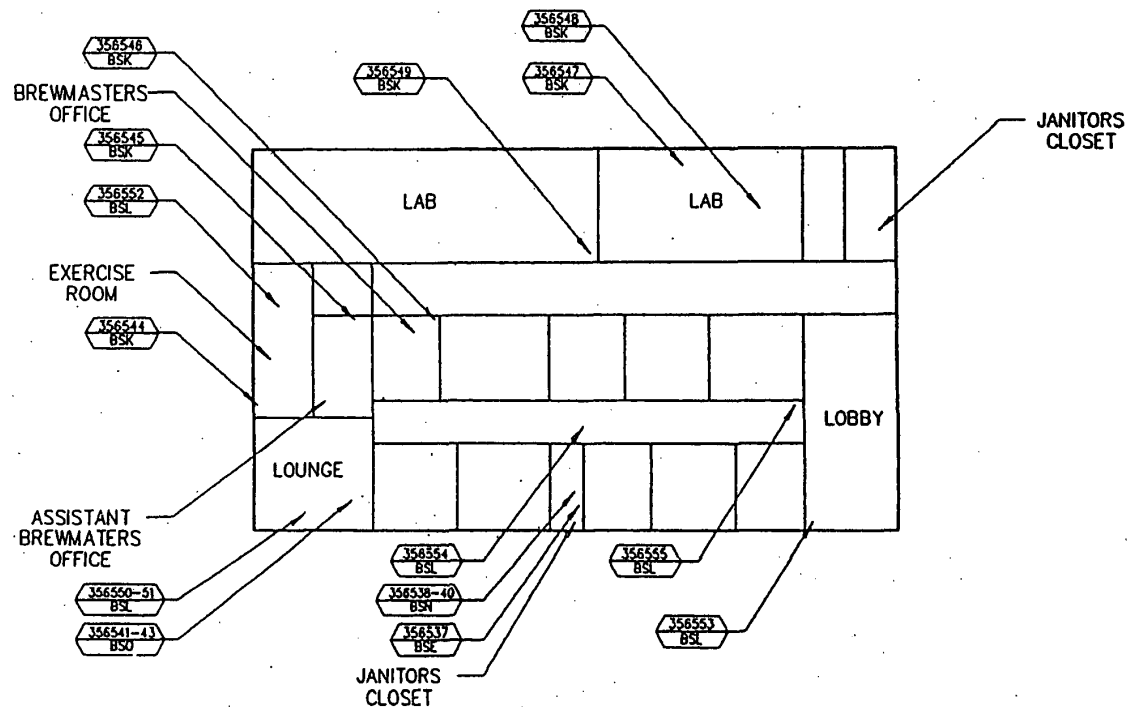
BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALLIDAY	G. HELEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			440 WEST FIFTEEN STREET LAURENCE, KANSAS 66044	PROJECT NUMBER: 0980193E HELEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #8
DATE: 05/26/01			0148	



THIRD FLOOR



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	NALL-TIMMRELL ENVIRONMENTAL SERVICES 4840 WEST FIFTEENTH STREET LAWRENCE, KANSAS 66044		G. HELEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			DATE: 05/26/89	014C	PROJECT NUMBER: 0980193E HELEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #8	



FOURTH FLOOR

BULK SAMPLE CODE → 121376 BSA	SAMPLE IDENTIFICATION NUMBER	HALL/THORPEL DEVELOPMENT SURVEY		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
		4440 WEST FIFTEENTH STREET LAKEMORE, UTAH 84044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #8	
DATE: 05/26/89		01 40			

RCLLC 0001989

ASBESTOS ASSESSMENT SURVEY

H-K Building 09
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/22/89
 Inspector: TIM SWARTZ

Building Number: 09
 Building Name: ENGINE HOUSE
 SEATTLE, WASHINGTON
 Building Type: MECHANICAL
 Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: Ground Floor	AREA AVERAGE % ASBESTOS: 7X	*****
-------	-----------------	--------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above compressor #8	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	RS/R	27	III	\$96	\$57	\$153
above compressor #8	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	14 in. O.D.	RS/R	27	III	\$173	\$111	\$284
above compressor #3	01-356262	0X	mjp on non-suspect pipe cover	OMA	1	10 in. O.D.	RS/R	27	III	\$63	\$39	\$102
above compressor #3	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	12 in. O.D.	RS/R	27	III	\$152	\$95	\$247
above compressor #2	01-356262	0X	mjp on non-suspect pipe cover	OMA	1	10 in. O.D.	RS/R	27	III	\$63	\$39	\$102
above compressor #2	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	12 in. O.D.	RS/R	27	III	\$152	\$95	\$247
above compressor #6	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	RS/R	27	III	\$96	\$57	\$153
above compressor #6	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	14 in. O.D.	RS/R	27	III	\$173	\$111	\$284
above compressor #5	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	RS/R	27	III	\$96	\$57	\$153
above compressor #5	01-356262	0X	mjp on non-suspect pipe cover	OMA	4	12 in. O.D.	RS/R	27	III	\$303	\$190	\$493
above compressor #4	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	8 in. O.D.	RS/R	27	III	\$96	\$57	\$153
above compressor #4	01-356262	0X	mjp on non-suspect pipe cover	OMA	4	12 in. O.D.	RS/R	27	III	\$303	\$190	\$493
above compressor-in southwest corner	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	10 in. O.D.	RS/R	27	III	\$125	\$78	\$203
above compressor-in southwest corner	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	12 in. O.D.	RS/R	27	III	\$152	\$95	\$247
above compressor-in southwest corner	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	14 in. O.D.	RS/R	27	III	\$173	\$111	\$284
above compressor-in southwest corner	01-356262	0X	mjp on non-suspect pipe cover	OMA	2	16 in. O.D.	RS/R	27	III	\$204	\$151	\$355
	01-356263	0X						27	III			
	01-356264	20X						27	III			

AREA COMMENTS

The material is in good condition with minor contact and water damage. The material is approximately 4' to 16' from the floor. At a minimum, it is recommended that the material be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$2,420 \$1,533 \$3,953

*****	AREA NUMBER: 02	AREA DESCRIPTION: Ground Fl-Mezzanine Level-Pipe Tunnel	AREA AVERAGE % ASBESTOS: 60X	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
south end of tunnel-in east wall	00-356265	80X	pipe covering	OMA	50	ft. 4 in. O.D.	HPS/R	39	III	\$446	\$279	\$725
south end of tunnel-in east wall	02-356266	50X	mjp on pipe covering	OMA	10	4 in. O.D.	HPS/R	39	III	\$281	\$156	\$437
	02-356267	50X						39	III			
	02-356268	60X						39	III			

H-K Building 09
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/22/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 09
 Building Name: ENGINE HOUSE
 SEATTLE, WASHINGTON
 Building Type: MECHANICAL
 Year Constructed: 1933

AREA COMMENTS

The materials are in fair to poor condition with contact and water damage. The materials are approximately 2' to 8' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 02 TOTAL \$727 \$435 \$1,16

***** AREA NUMBER: 03 AREA DESCRIPTION: Ground Floor-Ceilings AREA AVERAGE % ASBESTOS: 0% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
mezzanine level-break room	03-356269	0%	drop or lay-in panel	OMG	320	sq.ft.						
mezzanine level-restroom	03-356269	0%	drop or lay-in panel	OMG	160	sq.ft.						
	03-356270	0%										
	03-356271	0%										
storage room-at north end	04-356272	0%	acoustical tile	OMG	450	sq.ft.						
	04-356273	0%										
	04-356274	0%										

AREA COMMENTS

AREA # 03 TOTAL \$0 \$0 \$

***** AREA NUMBER: 04 AREA DESCRIPTION: Ground Floor-Attic AREA AVERAGE % ASBESTOS: 60% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above storage room-at north end	05-356275	50%	mjp on non-suspect pipe cover	OMA	2	6 in. O.D.	CON	30	III	\$77	\$45	\$12
	05-356276	80%						30	III			
	05-356277	50%						30	III			

AREA COMMENTS

The material is in good condition with no damage apparent. The material is approximately 2' from the floor. The space is confined and the only access is a small panel in the ceiling. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 04 TOTAL \$77 \$45 \$12

H-K Building 09
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/22/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 09
 Building Name: ENGINE HOUSE
 SEATTLE, WASHINGTON
 Building Type: MECHANICAL
 Year Constructed: 1933

*****	AREA NUMBER: 05	AREA DESCRIPTION: Ground Floor-Attic	AREA AVERAGE % ASBESTOS: 60%	*****
-------	-----------------	--------------------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above storage room-in northwest corner	12-356500	60%	debris	OMF	5 sq.ft.			113 I		\$100	\$0	\$100
	12-356501	60%						113 I				
	12-356502	60%						113 I				

AREA COMMENTS	AREA # 05 TOTAL	\$100	\$0	\$100
---------------	-----------------	-------	-----	-------

The debris is from magnesia pipe covering. It is recommended that the debris be removed using gross removal procedures.

*****	AREA NUMBER: 06	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 24%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
against south wall	00-356210	30%	pipe covering	OMA	85 ft.	4 in. O.D.	DW	24	III	\$758	\$474	\$1,232
against south wall-by door	00-356278	20%	wrapped cardboard/paper pipe	OMA	6 ft.	4 in. O.D.	DW	24	III	\$54	\$33	\$87
mezzanine level-on central platform	00-356282	30%	pipe covering	OMA	20 ft.	6 in. O.D.	HPS/R	24	III	\$260	\$162	\$422
mezzanine level-along west & south walls	00-356282	30%	pipe covering	OMA	15 ft.	4 in. O.D.	HPS/R	24	III	\$134	\$84	\$218
against south wall	00-356282	30%	pipe covering	OMA	42 ft.	4 in. O.D.	HPS/R	24	III	\$375	\$234	\$609
mezzanine level-on central platform	00-356282	30%	pipe covering	OMA	28 ft.	4 in. O.D.	HPS/R	24	III	\$250	\$156	\$406
mezzanine level-on central platform	00-356282	30%	pipe covering	OMA	50 ft.	10 in. O.D.	HPS/R	24	III	\$944	\$699	\$1,643
mezzanine level-on central platform	00-356282	30%	pipe covering	OMA	24 ft.	8 in. O.D.	HPS/R	24	III	\$340	\$243	\$583
mezzanine level-along west & south walls	00-356282	30%	pipe covering	OMA	32 ft.	8 in. O.D.	HPS/R	24	III	\$453	\$324	\$777
mezzanine level-along west & south walls	00-356282	30%	pipe covering	OMA	105 ft.	10 in. O.D.	HPS/R	24	III	\$1,981	\$1,467	\$3,448
mezzanine level-W of central platform	00-356298	0%	pipe covering	OMA	60 ft.	4 in. O.D.	CON					
against south wall	06-356279	20%	mjp on pipe covering	OMA	32 ft.	4 in. O.D.	DW	24	III	\$899	\$500	\$1,399
	06-356280	15%						24	III			
	06-356281	10%						24	III			
mezzanine level-along west & south walls	07-356283	40%	mjp on pipe covering	OMA	4 ft.	4 in. O.D.	HPS/R	24	III	\$112	\$62	\$174
mezzanine level-on central platform	07-356283	40%	mjp on pipe covering	OMA	6 ft.	6 in. O.D.	HPS/R	24	III	\$232	\$136	\$368
mezzanine level-along west & south walls	07-356283	40%	mjp on pipe covering	OMA	10 ft.	10 in. O.D.	HPS/R	24	III	\$626	\$391	\$1,017
mezzanine level-along west & south walls	07-356283	40%	mjp on pipe covering	OMA	8 ft.	8 in. O.D.	HPS/R	24	III	\$385	\$226	\$611
mezzanine level-on central platform	07-356283	40%	mjp on pipe covering	OMA	10 ft.	10 in. O.D.	HPS/R	24	III	\$626	\$391	\$1,017
mezzanine level-on central platform	07-356283	40%	mjp on pipe covering	OMA	10 ft.	8 in. O.D.	HPS/R	24	III	\$481	\$283	\$764
mezzanine level-on central platform	07-356283	40%	mjp on pipe covering	OMA	20 ft.	4 in. O.D.	HPS/R	24	III	\$562	\$312	\$874
against south wall	07-356283	40%	mjp on pipe covering	OMA	3 ft.	4 in. O.D.	HPS/R	24	III	\$84	\$47	\$131
	07-356284	0%						24	III			
	07-356285	30%						24	III			
southwest area	08-356286	10%	mjp on non-suspect pipe cover	OMA	3 ft.	4 in. O.D.	RS/R	24	III	\$84	\$47	\$131

ASBESTOS ASSESSMENT SURVEY

H-K Building 09
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/22/89
 Inspector: TIM SWARTZ

Building Number: 09
 Building Name: ENGINE HOUSE
 SEATTLE, WASHINGTON
 Building Type: MECHANICAL
 Year Constructed: 1933

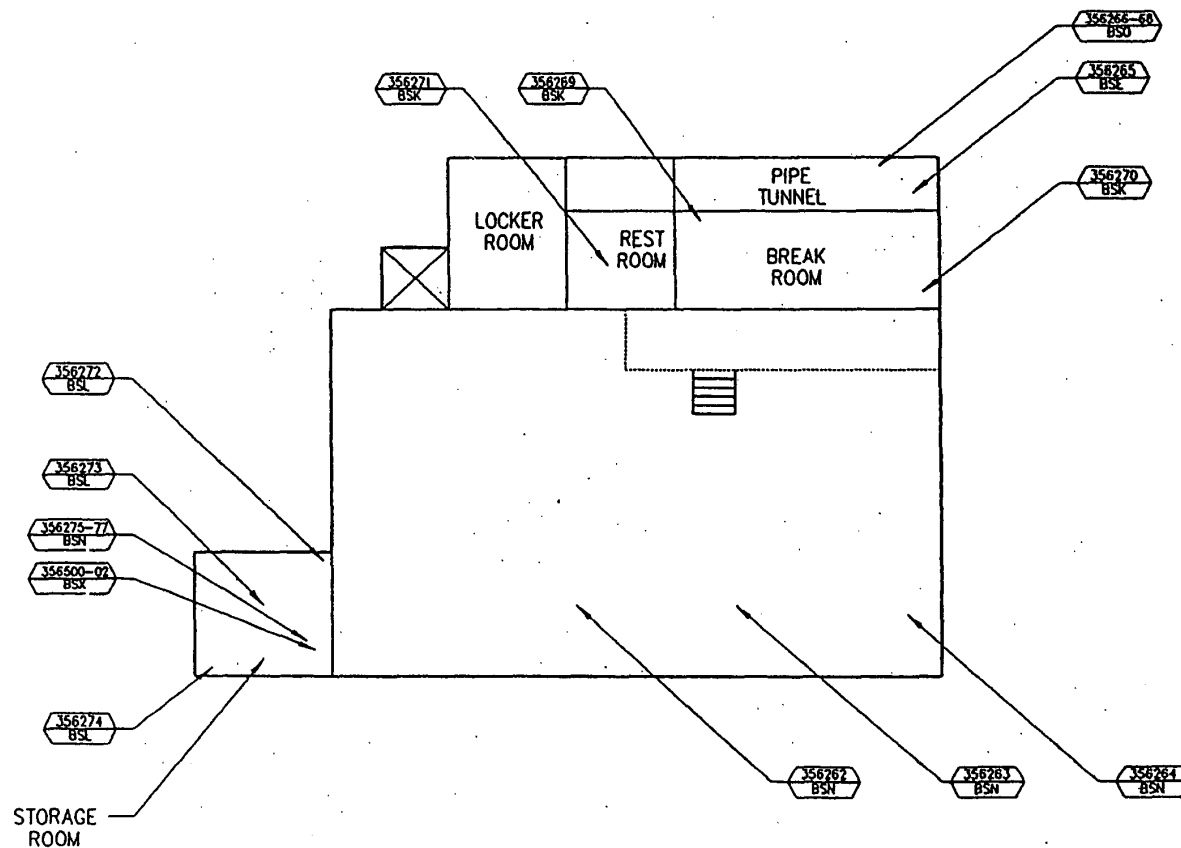
mezzanine level-northwest corner-W tank	08-356286	10%	mjp on non-suspect pipe cover	OMA	8 10 in. O.D.	RS/R	24 III	\$501	\$313	\$1
mezzanine level-northwest corner-W tank	08-356286	10%	mjp on non-suspect pipe cover	OMA	10 8 in. O.D.	RS/R	24 III	\$481	\$283	\$1
southwest area	08-356286	10%	mjp on non-suspect pipe cover	OMA	8 10 in. O.D.	RS/R	24 III	\$501	\$313	\$8
mezzanine level-northwest corner-W tank	08-356286	10%	mjp on non-suspect pipe cover	OMA	18 12 in. O.D.	RS/R	24 III	\$1,365	\$853	\$2,2
	08-356287	10%					24 III			
	08-356288	10%					24 III			
mezzanine level-northwest corner-W tank	09-356289	50%	boiler/tank insulation	OMB	200 sq.ft.		24 III	\$5,650	\$4,526	\$10,1
	09-356290	50%					24 III			
	09-356291	50%					24 III			
mezzanine level-NW corner-refri tank-top	10-356295	70%	boiler/tank insulation	OMB	4 sq.ft.		24 III	\$113	\$91	\$2
	10-356296	70%					24 III			
	10-356297	70%					24 III			
mezzanine level-W of central platform	11-356211	20%	mjp on pipe covering	OMA	23 4 in. O.D.	CON	24 III	\$646	\$359	\$1,0
	11-356212	0%					24 III			
	11-356299	20%					24 III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 16' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be high traffic area.

AREA # 06 TOTAL \$18,897 \$13,009 \$31,9

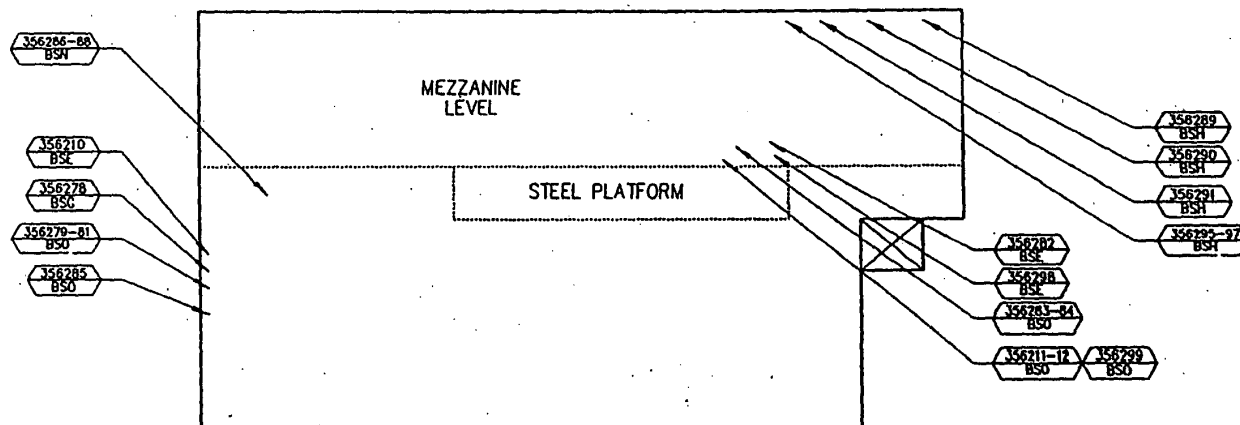
BUILDING # 09 TOTAL \$22,221 \$15,022 \$37,2



GROUND FLOOR



BULK SAMPLE CODE	124376 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-YORRHL	G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			440 WEST FIFTH STREET LAWRENCE, KANSAS 66044	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #9
DATE: 05/26/89			015A	



SECOND FLOOR



BULK SAMPLE CODE	123376 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-TURNER Environmental Services		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4449 WEST PETERSON STREET LAURENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #9	
			DATE: 03/26/89	01:50		

RCLLC 0001995

H-K Buildi. 10
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: TIM SWARTZ

ASBESTOS ASSE SURVEY

Building Number: 10/11/12/23
 Building Name: SHOP/STORAGE & RECEIVING
 SEATTLE, WASHINGTON 98134
 Building Type: SHOPS
 Year Constructed: 1933

***** AREA NUMBER: 01			AREA DESCRIPTION: Ground Level-Part 11			AREA AVERAGE % ASBESTOS: 33%				*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
SW & central areas-south wall-at ceiling	00-356607	60%	pipe covering	OMA	40 ft.	6 in. O.D.	HPS/R	26	III	\$519	\$324	\$843
SW & central areas-south wall-at ceiling	00-356607	60%	pipe covering	OMA	30 ft.	8 in. O.D.	HPS/R	26	III	\$424	\$303	\$727
SW & central areas-south wall-at ceiling	00-356607	60%	pipe covering	OMA	90 ft.	4 in. O.D.	HPS/R	26	III	\$803	\$502	\$1,305
south wall & center of room-near ceiling	00-356684	10%	wrapped cardboard/paper pipe	OMA	50 ft.	6 in. O.D.	DW	26	III	\$649	\$405	\$1,054
east center area-at ceiling	00-356684	10%	wrapped cardboard/paper pipe	OMA	50 ft.	4 in. O.D.	DW	26	III	\$446	\$279	\$725
south wall & center of room-near ceiling	00-356684	10%	wrapped cardboard/paper pipe	OMA	5 ft.	4 in. O.D.	DW	26	III	\$45	\$28	\$73
SW & central areas-south wall-at ceiling	01-356681	30%	mjp on pipe covering	OMA	12 4 in.	O.D.	HPS/R	26	III	\$337	\$187	\$524
SW & central areas-south wall-at ceiling	01-356681	30%	mjp on pipe covering	OMA	6 8 in.	O.D.	HPS/R	26	III	\$289	\$170	\$459
SW & central areas-south wall-at ceiling	01-356681	30%	mjp on pipe covering	OMA	8 6 in.	O.D.	HPS/R	26	III	\$309	\$182	\$491
	01-356682	35%						26	III			
	01-356683	40%						26	III			
east center area-at ceiling	02-356685	45%	mjp on wrapped cardboard/paper	OMA	6 4 in.	O.D.	DW	26	III	\$169	\$94	\$263
south wall & center of room-near ceiling	02-356685	45%	mjp on wrapped cardboard/paper	OMA	3 6 in.	O.D.	DW	26	III	\$116	\$68	\$184
south wall & center of room-near ceiling	02-356685	45%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D.	DW	26	III	\$28	\$16	\$44
	02-356686	45%						26	III			
	02-356687	45%						26	III			
against east wall	03-356688	10%	mjp on non-suspect pipe cover	OMA	4 8 in.	O.D.	RS/R	26	III	\$193	\$113	\$306
	03-356689	10%						26	III			
	03-356690	10%						26	III			
west area-near ceiling	07-356702	30%	mjp on non-suspect pipe cover	OMA	4 6 in.	O.D.	DW	26	III	\$155	\$91	\$246
	07-356703	30%						26	III			
	07-356704	35%						26	III			
against south wall-above door	09-356708	30%	mjp on non-suspect pipe cover	OMA	2 8 in.	O.D.	HPS/R	26	III	\$96	\$57	\$153
	09-356709	50%						26	III			
	09-356710	20%						26	III			
AREA COMMENTS												
AREA # 01 TOTAL										\$4,578	\$2,819	\$7,397

***** AREA NUMBER: 02			AREA DESCRIPTION: Ground Level-Part 11				AREA AVERAGE % ASBESTOS: 4%				*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
southeast area-above catwalk	08-356705	3%	pipe covering	OMA	25 ft.	12 in. O.D.	RS/R	25	III	\$551	\$423	\$974	

H-K Building 10
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: TIM SWARTZ

ASBESTOS ASSE SURVEY

Building Number: 10/11/12/23
 Building Name: SHOP/STORAGE & RECEIVING
 SEATTLE, WASHINGTON 98134
 Building Type: SHOPS
 Year Constructed: 1933

08-356706 10%
 08-356707 0%

25 III
 25 III

AREA COMMENTS

AREA # 02 TOTAL \$551 \$423 \$974

The material is in good condition with minor contact damage. The material is approximately 3' to 16' from the floor. At a minimum, it is recommended that the material be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

***** AREA NUMBER: 03

AREA DESCRIPTION: 2nd Floor-Parts 10 & 11

AREA AVERAGE % ASBESTOS: 30X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
part 11-locker rm-N wall & center of rm	00-356691	30X	pipe covering	OHA	8 ft.	4 in. O.D.	HPS/R	27	III	\$71	\$45	\$116
part 11-locker rm-N wall & center of rm	00-356691	30X	pipe covering	OHA	1 ft.	8 in. O.D.	HPS/R	27	III	\$14	\$10	\$24
part 11-locker rm-N wall & center of rm	00-356691	30X	pipe covering	OHA	40 ft.	10 in. O.D.	HPS/R	27	III	\$755	\$559	\$1,314
part 11-E side janitor's ofc-S rm-E wall	00-356691	30X	pipe covering	OHA	6 ft.	4 in. O.D.	HPS/R	27	III	\$54	\$33	\$87
part 10-break rm-N wall-next to AHU	00-356691	30X	pipe covering--	OHA	1 ft.	4 in. O.D.	HPS/R	27	III	\$9	\$6	\$15
part 11-locker room-SW area of room	00-356691	30X	pipe covering	OHA	28 ft.	4 in. O.D.	HPS/R	27	III	\$250	\$156	\$406
part 11-locker rm-N wall & center of rm	04-356692	10X	mjp on pipe covering	OHA	3	10 in. O.D.	HPS/R	27	III	\$188	\$117	\$305
part 10-break rm-N wall-next to AHU	04-356692	10X	mjp on pipe covering	OHA	1	4 in. O.D.	HPS/R	27	III	\$28	\$16	\$44
part 11-locker room-SW area of room	04-356692	10X	mjp on pipe covering	OHA	10	4 in. O.D.	HPS/R	27	III	\$281	\$156	\$437
part 11-locker rm-N wall & center of rm	04-356692	10X	mjp on pipe covering	OHA	6	4 in. O.D.	HPS/R	27	III	\$169	\$94	\$263
	04-356693	15X						27	III			
	04-356694	70X						27	III			

AREA COMMENTS

AREA # 03 TOTAL \$1,819 \$1,192 \$3,011

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

***** AREA NUMBER: 04

AREA DESCRIPTION: 3rd Floor-Part 10-Blue Rm-Storage Area

AREA AVERAGE % ASBESTOS: 35X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north & west walls	00-356695	30X	pipe covering	OHA	11 ft.	4 in. O.D.	HPS/R	26	III	\$98	\$61	\$159
north & west walls	00-356695	30X	pipe covering	OHA	32 ft.	12 in. O.D.	HPS/R	26	III	\$705	\$542	\$1,247
north & west areas-at ceiling	00-356695	30X	pipe covering	OHA	55 ft.	4 in. O.D.	HPS/R	26	III	\$491	\$307	\$798
north & west walls	05-356696	40X	mjp on pipe covering	OHA	2	12 in. O.D.	HPS/R	26	III	\$152	\$95	\$247
north & west walls	05-356696	40X	mjp on pipe covering	OHA	1	4 in. O.D.	HPS/R	26	III	\$28	\$16	\$44
north & west areas-at ceiling	05-356696	40X	mjp on pipe covering	OHA	14	4 in. O.D.	HPS/R	26	III	\$393	\$219	\$612

ASBESTOS ASSE SURVEY

H-K Buildir 10
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/29/89
Inspector: TIM SWARTZ

Building Number: 10/11/12/23
Building Name: SHOP/STORAGE & RECEIVING
SEATTLE, WASHINGTON 98134
Building Type: SHOPS
Year Constructed: 1933

	05-356697 35%		26 III	
	05-356698 70%		26 III	
AREA COMMENTS				
			AREA # 04 TOTAL	\$1,867 \$1,240 \$3,107

The materials are in fair to good condition with localized contact damage. The materials are approximately 4' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a low traffic area.

*****		AREA NUMBER: 05		AREA DESCRIPTION: 3rd Floor-Part 10-Ceiling			AREA AVERAGE % ASBESTOS: 0%			*****					
LOCATION OF THE MATERIAL		SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION		O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
old safety office		06-356699	0%	acoustical tile		OMG	200 sq.ft.								
		06-356700	0%												
		06-356701	0%												
AREA COMMENTS															
												AREA # 05 TOTAL	\$0	\$0	\$0

***** AREA NUMBER: 06			AREA DESCRIPTION: Ground Level-Part 12			AREA AVERAGE % ASBESTOS: 31%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
shop area-N of staircase-above ceiling	00-356659	10%	wrapped cardboard/paper pipe	OMA	57 ft. 4 in.	0.D.	DW	25	III	\$508	\$318	\$82
shop area-N of staircase-above ceiling	02-356685	45%	mjp on wrapped cardboard/paper	OMA	5 4 in.	0.D.	DW	25	III	\$140	\$78	\$21
	02-356686	45%						25	III			
	02-356687	45%						25	III			
shop area-N of staircase-E center area	11-356663	0%	mjp on non-suspect pipe cover	OMA	2 4 in.	0.D.	HPS/R					
	11-356664	0%										
	11-356665	0%										
shop area-N of staircase-SW corner	13-356670	30%	mjp on non-suspect pipe cover	OMA	3 6 in.	0.D.	DW	25	III	\$116	\$68	\$18
	13-356671	30%						25	III			
	13-356672	50%						25	III			

ASBESTOS ASSESSMENT SURVEY

H-K Building 0
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/29/89
Inspector: TIM SWARTZ

Building Number: 10/11/12/23
Building Name: SHOP/STORAGE & LIVING
SEATTLE, WASHINGTON 98134
Building Type: SHOPS
Year Constructed: 1933

AREA COMMENTS

AREA # 06 TOTAL \$764 \$464 \$1,228

The materials are in good condition with minor contact and water damage. The materials are approximately 4' to 16' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area. NOTE: The mudded joint packings on wrapped cardboard domestic water lines were inaccessible, so the sample numbers have been referenced from the same type of material on domestic water lines that were sampled in buildings 10 and 11.

***** AREA NUMBER: 07 AREA DESCRIPTION: Ground Level-Part 12-Ceiling AREA AVERAGE % ASBESTOS: 0% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
shop area-north of staircase	10-356656	0%	drop or lay-in panel	OMG	650 sq.ft.							
	10-356657	0%										
	10-356658	0%										

AREA COMMENTS

AREA # 07 TOTAL \$0 \$0 \$0

***** AREA NUMBER: 08 AREA DESCRIPTION: Ground Floor-Stairwell-Part 23 AREA AVERAGE % ASBESTOS: 56% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
landing between 1st & 2nd floors-W end	00-356666	70%	pipe covering	OMA	24 ft. 4 in.	O.D.	HPS/R	42	II	\$214	\$134	\$348
landing between 1st & 2nd floors-W end	12-356667	60%	mjp on pipe covering	OMA	24	4 in. O.D.	HPS/R	42	II	\$674	\$375	\$1,049
	12-356668	60%						42	II			
	12-356669	60%						42	II			
landing between 1st & 2nd floors-W end	13-356670	30%	mjp on non-suspect pipe cover	OMA	2	6 in. O.D.	DW	42	II	\$77	\$45	\$122
	13-356671	30%						42	II			
	13-356672	50%						42	II			

AREA COMMENTS

AREA # 08 TOTAL \$965 \$554 \$1,519

The materials are in fair condition with localized contact and water damage. The materials are approximately 1' to 9' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

H-K Building 10
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/29/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 10/11/12/23
 Building Name: SHOP/STORAGE & RECEIVING
 SEATTLE, WASHINGTON 98134
 Building Type: SHOPS
 Year Constructed: 1933

*****	AREA NUMBER: 09	AREA DESCRIPTION: 2nd Floor-Part 23	AREA AVERAGE % ASBESTOS: 40%	*****
-------	-----------------	-------------------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
landing at top of stairs-west end	00-356676	40%	pipe covering	OMA	18 ft.	12 in. O.D	HPS/R	25	III	\$396	\$305	\$701

AREA COMMENTS

The material is in good condition with minor contact and water damage. The material is approximately 3' from the floor. At a minimum, it is recommended that the material be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 09 TOTAL \$396 \$305 \$701

*****	AREA NUMBER: 10	AREA DESCRIPTION: Ground Fl-Part 12-Northeast Shop Area	AREA AVERAGE % ASBESTOS: 60%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
room along north wall-on small table	00-356680	60%	asbestos cloth	OMZ	13 linear feet			38	III	\$40	\$0	\$40

AREA COMMENTS

This material was found tattered and covered with oil. It is recommended that this material be removed.

AREA # 10 TOTAL \$40 \$0 \$40

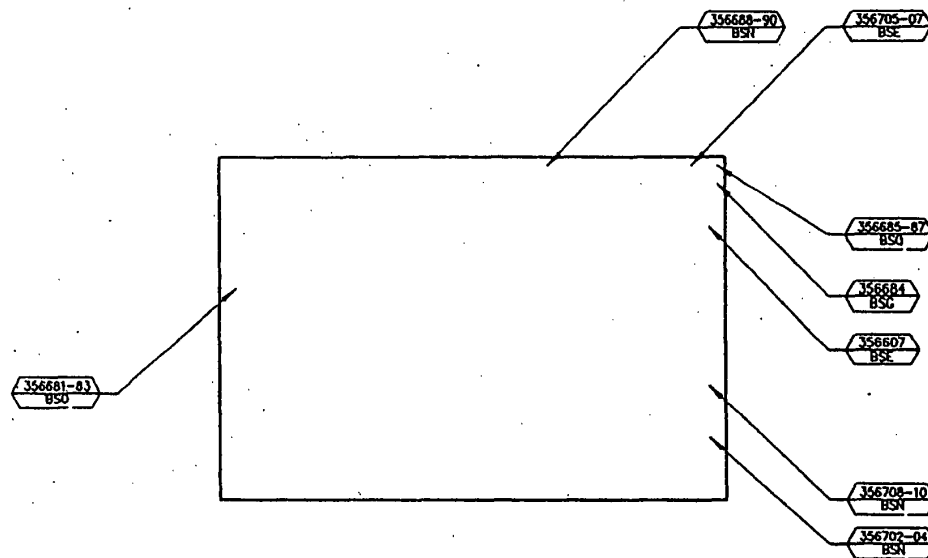
*****	AREA NUMBER: 11	AREA DESCRIPTION: Ground Floor-Part 23-Stairwell	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	--	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
SW area-landing between 1st & 2nd floors	14-356673	0%	pipe covering	OMA	10 ft.	12 in. O.D	RS/R					
	14-356674	0%										
	14-356675	0%										

AREA COMMENTS

AREA # 11 TOTAL \$0 \$0 \$0

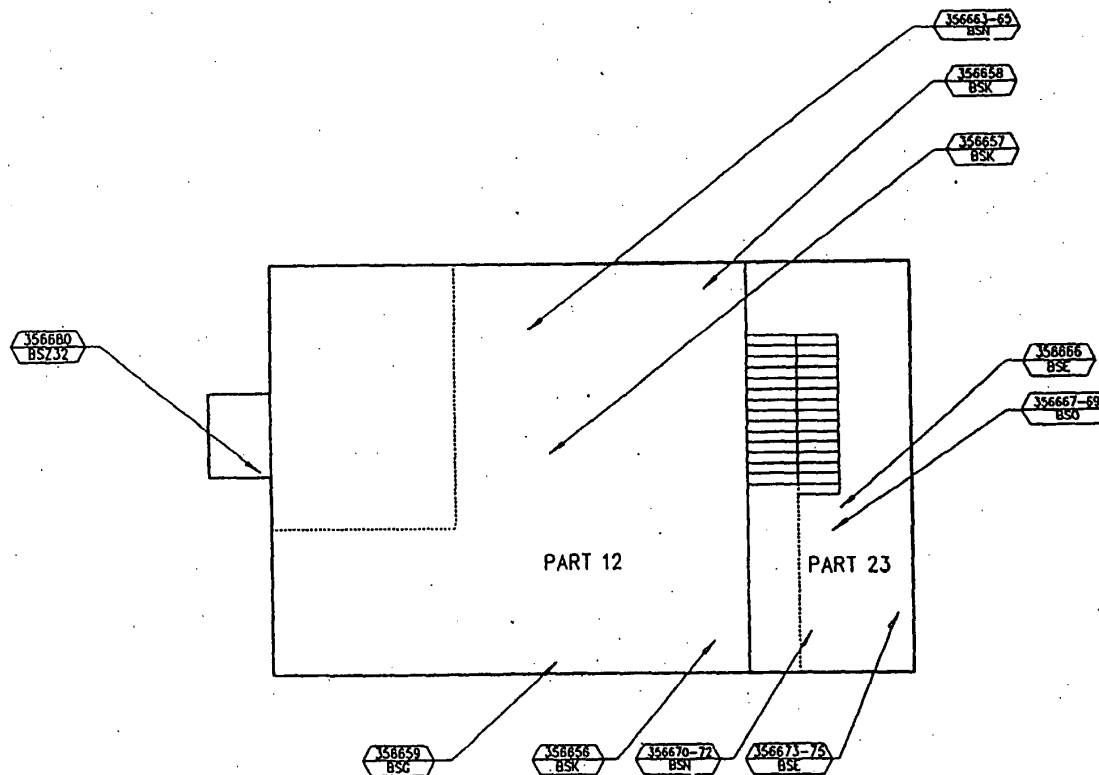
BUILDING # 10 TOTAL \$10,980 \$6,997 \$17,977



GROUND FLOOR



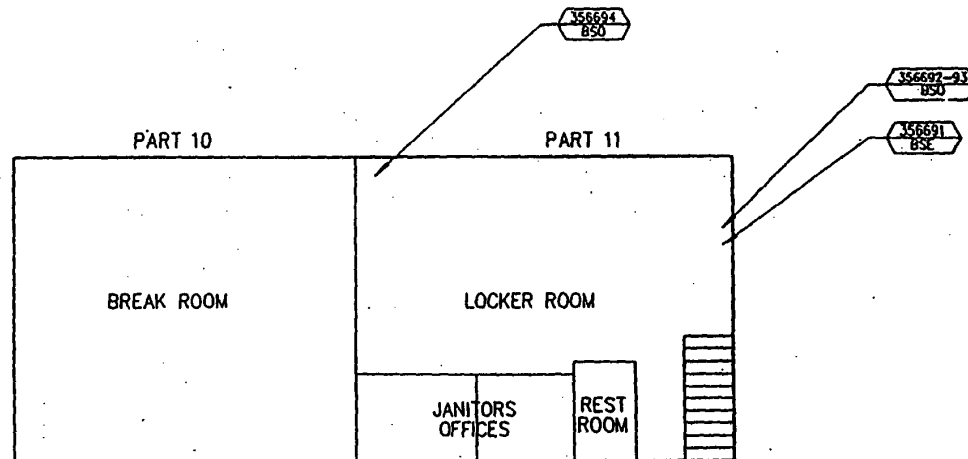
BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-THORPEL <small>DEVELOPMENT SERVICE</small> 4848 WEST FIFTEEN STREET LYNCHBURG, KANSAS 66044		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			DATE: 05/26/89	016	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #10/11/12/23 PART 11



GROUND FLOOR



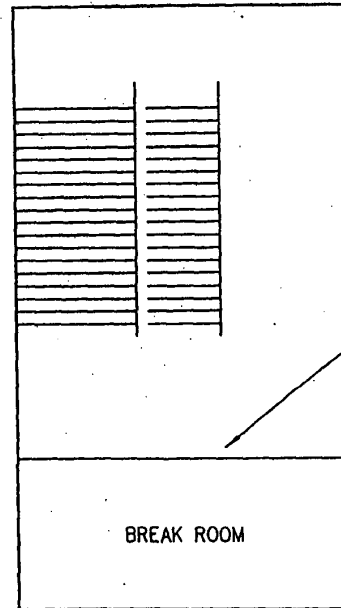
<p>BULK SAMPLE CODE</p> <p>124376 BSA</p> <p>SAMPLE IDENTIFICATION NUMBER</p>	<p>HALL-KIMBELL</p> <p>4040 WEST FIFTH AVENUE STREET LAURENCE, KANSAS 66044</p> <p>DATE: 05/26/09</p>	<p>G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY</p> <p>PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #10/11/12/23 PARTS 12&23</p>
---	---	--



SECOND FLOOR

BULK SAMPLE CODE	124128 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-KORDELL INDUSTRIAL SERVICES		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4040 WEST FIFTEENTH STREET LAWRENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #10/11/12/23 PARTS 10&11	
			DATE: 05/26/89	0160		

RCLLC 0002003



124376
BSA

BREAK ROOM

SECOND FLOOR



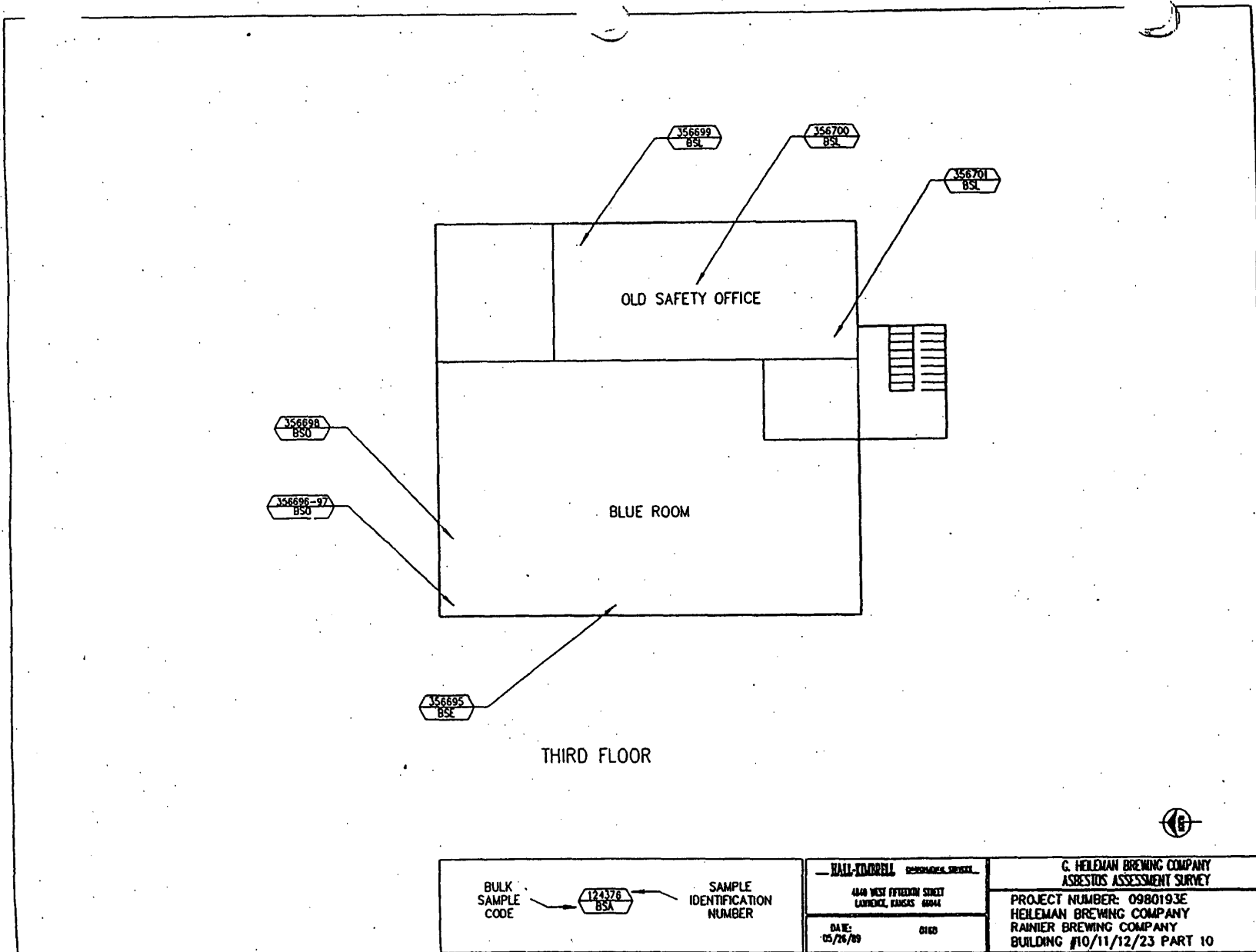
BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-YEMMELL CONSULTING SERVICES
4440 WEST FRYDENHILL STREET
LAWRENCE, KANSAS 66044
DATE: 05/26/99 DISC

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY
PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #10/11/12/23 PART 23



ASBESTOS ASSESSMENT SURVEY

H-K Building #3
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/21/89
Inspector: MARK VOTH

Building Number: 13
Building Name: BOILER HOUSE
SEATTLE, WASHINGTON
Building Type: POWER HSE
Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: %	*****
-------	-----------------	-----------------------------	----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
boiler #1-encased in steel	00-999999	%	boiler/tank insulation	OMB	937	sq.ft.				\$26,470	\$21,204	\$47,674
boiler #2-encased in steel	00-999999	%	boiler/tank insulation	OMB	937	sq.ft.				\$26,470	\$21,204	\$47,674
boiler #3-encased in steel	00-999999	%	boiler/tank insulation	OMB	1300	sq.ft.				\$36,725	\$29,419	\$66,144

AREA COMMENTS

The boiler insulation is encased in a metal jacket and could not be accessed for sampling. The material is in good condition with no visible contact or water damage. The material is up to 12' from the floor. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$89,665 \$71,827 \$161,492

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor-Catwalk Level	AREA AVERAGE % ASBESTOS: %	*****
-------	-----------------	---	----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above boiler #1-fire box-at west wall	00-999999	%	boiler/tank insulation	OMB	739	sq.ft.				\$20,877	\$16,724	\$37,601

AREA COMMENTS

The deaeration tank insulation is encased in a metal jacket and can not be accessed for sampling. The material is in good condition with no visible contact or water damage. The material is approximately 20' to 30' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$20,877 \$16,724 \$37,601

*****	AREA NUMBER: 03	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 46%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
NW corner-above boiler feed water pumps	00-356083	30%	pipe covering	OMA	7	ft. 4 in. O.D. BFW	41	II		\$62	\$39	\$101
NW corner-above boiler feed water pumps	00-356083	30%	pipe covering	OMA	130	ft. 6 in. O.D. BFW	41	II		\$1,687	\$1,054	\$2,741
NW corner-above boiler feed water pumps	00-356083	30%	pipe covering	OMA	10	ft. 10 in. O.D. BFW	41	II		\$189	\$140	\$329
along west wall-near catwalk	00-356083	30%	pipe covering	OMA	100	ft. 8 in. O.D. BFW	41	II		\$1,415	\$1,011	\$2,426
along west wall-near catwalk	00-356083	30%	pipe covering	OMA	20	ft. 10 in. O.D. BFW	41	II		\$377	\$279	\$656
between boilers #1 & 2-near floor	00-356083	30%	pipe covering	OMA	40	ft. 4 in. O.D. BFW	41	II		\$357	\$223	\$580
boilers #2 & 3-front-near catwalk	00-356083	30%	pipe covering	OMA	34	ft. 6 in. O.D. BFW	41	II		\$441	\$276	\$717

H-K Building 3
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: MARK VOTH

ASBESTOS ASSESSMENT SURVEY

Building Number: 13
 Building Name: BOILER HOUSE
 SEATTLE, WASHINGTON
 Building Type: POWER HSE
 Year Constructed: 1933

boiler #1-near economizer	00-356083	30X	pipe covering	OMA	15 ft. 4 in. O.D. BFW	41 II	\$134	\$84	\$218
boiler #1-near economizer	00-356083	30X	pipe covering	OMA	45 ft. 6 in. O.D. BFW	41 II	\$584	\$365	\$949
boilers #2 & 3-front-near catwalk	00-356083	30X	pipe covering	OMA	17 ft. 4 in. O.D. BFW	41 II	\$152	\$95	\$247
near NW corner-deaerator-above pumps	00-356087	30X	pipe covering	OMA	5 ft. 10 in. O.D. TW	41 II	\$94	\$70	\$164
NW corner-above boiler feed water pumps	00-356087	30X	pipe covering	OMA	20 ft. 8 in. O.D. TW	41 II	\$283	\$202	\$485
NW corner-above boiler feed water pumps	00-356087	30X	pipe covering	OMA	20 ft. 10 in. O.D. TW	41 II	\$377	\$279	\$656
near NW corner-deaerator-above pumps	00-356087	30X	pipe covering	OMA	105 ft. 8 in. O.D. TW	41 II	\$1,486	\$1,062	\$2,548
NW corner-above boiler feed water pumps	00-356091	70X	pipe covering	OMA	20 ft. 6 in. O.D. HPS/R	41 II	\$260	\$162	\$422
NW corner-above boiler feed water pumps	00-356091	70X	pipe covering	OMA	15 ft. 4 in. O.D. HPS/R	41 II	\$134	\$84	\$218
along west wall-near catwalk	00-356091	70X	pipe covering	OMA	138 ft. 4 in. O.D. HPS/R	41 II	\$1,231	\$770	\$2,001
along west wall-near catwalk	00-356091	70X	pipe covering	OMA	35 ft. 6 in. O.D. HPS/R	41 II	\$454	\$284	\$738
east wall-near sink	00-356091	70X	pipe covering	OMA	30 ft. 6 in. O.D. HPS/R	41 II	\$389	\$243	\$632
between boilers #1 & 2-near floor	00-356091	70X	pipe covering	OMA	36 ft. 4 in. O.D. HPS/R	41 II	\$321	\$201	\$522
SW corner-at fuel oil heat exchanger	00-356091	70X	pipe covering	OMA	55 ft. 4 in. O.D. HPS/R	41 II	\$491	\$307	\$798
along south wall-near catwalk	00-356091	70X	pipe covering	OMA	35 ft. 4 in. O.D. HPS/R	41 II	\$312	\$195	\$507
boilers #2 & 3-front-near catwalk	00-356091	70X	pipe covering	OMA	25 ft. 4 in. O.D. HPS/R	41 II	\$223	\$139	\$362
along north wall-at ceiling	00-356095	20X	wrapped cardboard/paper pipe	OMA	60 ft. 4 in. O.D. DW	41 II	\$535	\$335	\$870
near northwest corner-at ceiling	00-356095	20X	wrapped cardboard/paper pipe	OMA	25 ft. 4 in. O.D. DW	41 II	\$223	\$139	\$362
east wall-near sink	00-356095	20X	wrapped cardboard/paper pipe	OMA	20 ft. 4 in. O.D. DW	41 II	\$178	\$112	\$290
along north wall-at ceiling	00-356099	40X	corrugated pipe covering	OMA	30 ft. 4 in. O.D. LPS/R	41 II	\$268	\$167	\$435
lunch room stairwell-along ceiling	00-356099	40X	corrugated pipe covering	OMA	35 ft. 4 in. O.D. LPS/R	41 II	\$312	\$195	\$507
east wall-near sink	00-356206	70X	pipe covering	OMA	12 ft. 4 in. O.D. CON	41 II	\$107	\$67	\$174
along west wall-near catwalk	01-356084	70X	mjp on pipe covering	OMA	3 10 in. O.D. BFW	41 II	\$188	\$117	\$305
NW corner-above boiler feed water pumps	01-356084	70X	mjp on pipe covering	OMA	2 10 in. O.D. BFW	41 II	\$125	\$78	\$203
NW corner-above boiler feed water pumps	01-356084	70X	mjp on pipe covering	OMA	15 6 in. O.D. BFW	41 II	\$580	\$341	\$921
along west wall-near catwalk	01-356084	70X	mjp on pipe covering	OMA	5 8 in. O.D. BFW	41 II	\$241	\$141	\$382
NW corner-above boiler feed water pumps	01-356084	70X	mjp on pipe covering	OMA	2 4 in. O.D. BFW	41 II	\$56	\$31	\$87
boiler #1-near economizer	01-356084	70X	mjp on pipe covering	OMA	8 6 in. O.D. BFW	41 II	\$309	\$182	\$491
boilers #2 & 3-front-near catwalk	01-356084	70X	mjp on pipe covering	OMA	4 6 in. O.D. BFW	41 II	\$155	\$91	\$246
between boilers #1 & 2-near floor	01-356084	70X	mjp on pipe covering	OMA	8 4 in. O.D. BFW	41 II	\$225	\$125	\$350
boilers #2 & 3-front-near catwalk	01-356084	70X	mjp on pipe covering	OMA	9 4 in. O.D. BFW	41 II	\$253	\$140	\$393
boiler #1-near economizer	01-356084	70X	mjp on pipe covering	OMA	3 4 in. O.D. BFW	41 II	\$84	\$47	\$131
	01-356085	45X				41 II			
	01-356086	45X				41 II			
near NW corner-deaerator-above pumps	02-356088	70X	mjp on pipe covering	OMA	14 8 in. O.D. TW	41 II	\$674	\$396	\$1,070
NW corner-above boiler feed water pumps	02-356088	70X	mjp on pipe covering	OMA	1 8 in. O.D. TW	41 II	\$48	\$28	\$76
NW corner-above boiler feed water pumps	02-356088	70X	mjp on pipe covering	OMA	1 10 in. O.D. TW	41 II	\$63	\$39	\$102
near NW corner-deaerator-above pumps	02-356088	70X	mjp on pipe covering	OMA	2 10 in. O.D. TW	41 II	\$125	\$78	\$203
	02-356089	60X				41 II			
	02-356090	70X				41 II			
along west wall-near catwalk	03-356092	0X	mjp on pipe covering	OMA	1 6 in. O.D. HPS/R	41 II	\$39	\$23	\$62
NW corner-above boiler feed water pumps	03-356092	0X	mjp on pipe covering	OMA	2 4 in. O.D. HPS/R	41 II	\$56	\$31	\$87
along west wall-near catwalk	03-356092	0X	mjp on pipe covering	OMA	45 4 in. O.D. HPS/R	41 II	\$1,264	\$702	\$1,966
between boilers #1 & 2-near floor	03-356092	0X	mjp on pipe covering	OMA	6 4 in. O.D. HPS/R	41 II	\$169	\$94	\$263
SW corner-at fuel oil heat exchanger	03-356092	0X	mjp on pipe covering	OMA	25 4 in. O.D. HPS/R	41 II	\$702	\$390	\$1,092
along south wall-near catwalk	03-356092	0X	mjp on pipe covering	OMA	5 4 in. O.D. HPS/R	41 II	\$140	\$78	\$218
boilers #2 & 3-front-near catwalk	03-356092	0X	mjp on pipe covering	OMA	8 4 in. O.D. HPS/R	41 II	\$225	\$125	\$350
	03-356093	70X				41 II			

H-K Building 13
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: MARK VOTH

ASBESTOS ASSESSMENT SURVEY

Building Number: 13
 Building Name: BOILER HOUSE
 SEATTLE, WASHINGTON
 Building Type: POWER HSE
 Year Constructed: 1933

near northwest corner-at ceiling east wall-near sink	03-356094	70%	mjp on wrapped cardboard/paper	OMA	1 4 in. O.D.	DW	41 11	\$28	\$16	\$44
	04-356096	50%					41 11			
	04-356096	50%					41 11			
	04-356097	50%					41 11			
along north wall-at ceiling lunch room stairwell-along ceiling	04-356098	50%	mjp on corrugated pipe cover	OMA	2 4 in. O.D.	LPS/R	41 11	\$56	\$31	\$87
	05-356200	80%					41 11			
	05-356200	80%					41 11			
	05-356201	70%					41 11			
near north side-boiler #1-at ceiling along west wall-near catwalk	05-356202	70%	mjp on non-suspect pipe cover	OMA	9 6 in. O.D.	DW	41 11	\$348	\$204	\$552
	06-356203	10%					41 11			
	06-356204	10%					41 11			
	06-356205	10%					41 11			
east wall-near sink	07-356207	70%	mjp on pipe covering	OMA	7 4 in. O.D.	CON	41 11	\$197	\$109	\$306
	07-356208	80%					41 11			
	07-356209	80%					41 11			
	08-356213	30%					41 11			
along west wall-old hot water tank	08-356214	30%	boiler/tank insulation	OMB	92 sq.ft.		41 11	\$2,599	\$2,082	\$4,681
	08-356215	30%					41 11			
	09-356216	60%					41 11			
	09-356217	60%					41 11			
west wall-upper fuel oil heat exchanger	09-356218	60%	boiler/tank insulation	OMB	30 sq.ft.		41 11	\$848	\$679	\$1,527
	10-356219	60%					41 11			
	10-356220	60%					41 11			
	10-356221	60%					41 11			
west wall-lower fuel oil heat exchanger	12-356225	60%	boiler/tank insulation	OMB	25 sq.ft.		41 11	\$706	\$566	\$1,272
	12-356226	40%					41 11			
	12-356227	40%					41 11			
	13-356228	70%					41 11			
boiler #2-lower drum ends	13-356229	60%	boiler/tank insulation	OMB	100 sq.ft.		41 11	\$2,825	\$2,263	\$5,088
	13-356230	50%					41 11			
	14-356231	50%					41 11			
	14-356232	40%					41 11			
boiler #2-upper drum	14-356233	40%	boiler/tank insulation	OMB	25 sq.ft.		41 11	\$706	\$566	\$1,272
	15-356234	40%					41 11			
	15-356235	40%					41 11			
	15-356236	40%					41 11			
boiler #3-lower drum ends			boiler/tank insulation	OMB	100 sq.ft.		41 11	\$2,825	\$2,263	\$5,088
							41 11			
							41 11			
							41 11			
boiler #3-upper drum			boiler/tank insulation	OMB	100 sq.ft.		41 11	\$2,825	\$2,263	\$5,088
							41 11			
							41 11			
							41 11			

AREA COMMENTS

AREA # 03 TOTAL \$31,112 \$21,499 \$52,611

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 20' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

H-K Building 13
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: MARK VOTH

ASBESTOS ASSES SURVEY

Building Number: 13
 Building Name: BOILER HOUSE
 SEATTLE, WASHINGTON
 Building Type: POWER HSE
 Year Constructed: 1933

***** AREA NUMBER: 04			AREA DESCRIPTION: 1st Floor-Catwalk Level			AREA AVERAGE % ASBESTOS: 55%			*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above boiler #2 & 3-near catwalk	00-356083	30%	pipe covering	OMA	34 ft.	4 in. O.D.	BFW	42 II	\$303	\$190	\$493
northwest corner-near deaerator tank	00-356087	30%	pipe covering	OMA	24 ft.	6 in. O.D.	TW	42 II	\$312	\$195	\$507
above boilers-along ceiling	00-356091	70%	pipe covering	OMA	120 ft.	4 in. O.D.	HPS/R	42 II	\$1,070	\$670	\$1,740
above boilers-along ceiling	00-356091	70%	pipe covering	OMA	40 ft.	10 in. O.D.	HPS/R	42 II	\$755	\$559	\$1,314
above boilers-along ceiling	00-356091	70%	pipe covering	OMA	60 ft.	14 in. O.D.	HPS/R	42 II	\$1,510	\$1,194	\$2,704
above boilers-along ceiling	00-356091	70%	pipe covering	OMA	70 ft.	6 in. O.D.	HPS/R	42 II	\$909	\$568	\$1,477
northwest corner-near deaerator tank	00-356091	70%	pipe covering	OMA	47 ft.	6 in. O.D.	HPS/R	42 II	\$610	\$381	\$991
above boiler #2-near ceiling	00-356091	70%	pipe covering	OMA	65 ft.	6 in. O.D.	HPS/R	42 II	\$844	\$527	\$1,371
along east wall-near ceiling	00-356091	70%	pipe covering	OMA	25 ft.	6 in. O.D.	HPS/R	42 II	\$324	\$203	\$527
northwest corner-near deaerator tank	00-356091	70%	pipe covering	OMA	19 ft.	4 in. O.D.	HPS/R	42 II	\$169	\$106	\$275
above boilers-along ceiling	00-356091	70%	pipe covering	OMA	95 ft.	12 in. O.D.	HPS/R	42 II	\$2,092	\$1,608	\$3,700
along east wall-near ceiling	00-356091	70%	pipe covering	OMA	12 ft.	4 in. O.D.	HPS/R	42 II	\$107	\$67	\$174
above boiler #2-near ceiling	00-356095	20%	wrapped cardboard/paper pipe	OMA	45 ft.	4 in. O.D.	DW	42 II	\$401	\$251	\$652
above boilers #2 & 3-near catwalk	01-356084	70%	mjp on pipe covering	OMA	4	4 in. O.D.	BFW	42 II	\$112	\$62	\$174
	01-356085	45%						42 II			
	01-356086	45%						42 II			
northwest corner-near deaerator tank	02-356088	70%	mjp on pipe covering	OMA	5	6 in. O.D.	TW	42 II	\$193	\$114	\$307
	02-356089	60%						42 II			
	02-356090	70%						42 II			
above boilers-along ceiling	03-356092	0%	mjp on pipe covering	OMA	13	12 in. O.D.	HPS/R	42 II	\$986	\$616	\$1,602
northwest corner-near deaerator tank	03-356092	0%	mjp on pipe covering	OMA	6	6 in. O.D.	HPS/R	42 II	\$232	\$136	\$368
above boilers-along ceiling	03-356092	0%	mjp on pipe covering	OMA	30	4 in. O.D.	HPS/R	42 II	\$843	\$468	\$1,311
above boilers-along ceiling	03-356092	0%	mjp on pipe covering	OMA	6	6 in. O.D.	HPS/R	42 II	\$232	\$136	\$368
northwest corner-near deaerator tank	03-356092	0%	mjp on pipe covering	OMA	3	4 in. O.D.	HPS/R	42 II	\$84	\$47	\$131
above boiler #2-near ceiling	03-356092	0%	mjp on pipe covering	OMA	7	6 in. O.D.	HPS/R	42 II	\$271	\$159	\$430
above boilers-along ceiling	03-356092	0%	mjp on pipe covering	OMA	3	14 in. O.D.	HPS/R	42 II	\$260	\$167	\$427
along east wall-near ceiling	03-356092	0%	mjp on pipe covering	OMA	4	6 in. O.D.	HPS/R	42 II	\$155	\$91	\$246
along east wall-near ceiling	03-356092	0%	mjp on pipe covering	OMA	6	4 in. O.D.	HPS/R	42 II	\$169	\$94	\$263
above boilers-along ceiling	03-356092	0%	mjp on pipe covering	OMA	2	10 in. O.D.	HPS/R	42 II	\$125	\$78	\$203
	03-356093	70%						42 II			
	03-356094	70%						42 II			
above boiler #2-near ceiling	04-356096	50%	mjp on wrapped cardboard/paper	OMA	5	4 in. O.D.	DW	42 II	\$140	\$78	\$218
	04-356097	50%						42 II			
	04-356098	50%						42 II			
above boiler #1-near deaerator tank	11-356222	0%	boiler/tank insulation	OMB	45	sq.ft.					
	11-356223	0%									
	11-356224	0%									

ASBESTOS ASSESSMENT SURVEY

H-K Building 13
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: MARK VOTH

Building Number: 13
 Building Name: BOTTLER HOUSE
 SEATTLE, WASHINGTON
 Building Type: POWER HSE
 Year Constructed: 1933

AREA COMMENTS

AREA # 04 TOTAL \$13,208 \$8,765 \$21,973

The materials are in good to fair condition with minor contact and water damage. The materials are approximately 20' to 30' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA NUMBER: 05

AREA DESCRIPTION: 2nd Floor

AREA AVERAGE % ASBESTOS: 67X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
lunch room-northwest corner-along floor	00-356237	60%	pipe covering	OMA	10 ft. 4 in.	O.D.	LPS/R	59	II	\$89	\$56	\$145
lunch room-northwest corner-along floor	16-356238	70%	mjp on pipe covering	OMA	4 4 in.	O.D.	LPS/R	59	II	\$112	\$62	\$174
	16-356239	70%						59	II			
	16-356240	80%						59	II			

AREA COMMENTS

AREA # 05 TOTAL \$201 \$118 \$319

The materials are in fair condition with contact and water damage. The materials are up to 3' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a moderate traffic area.

AREA NUMBER: 06

AREA DESCRIPTION: 2nd Floor

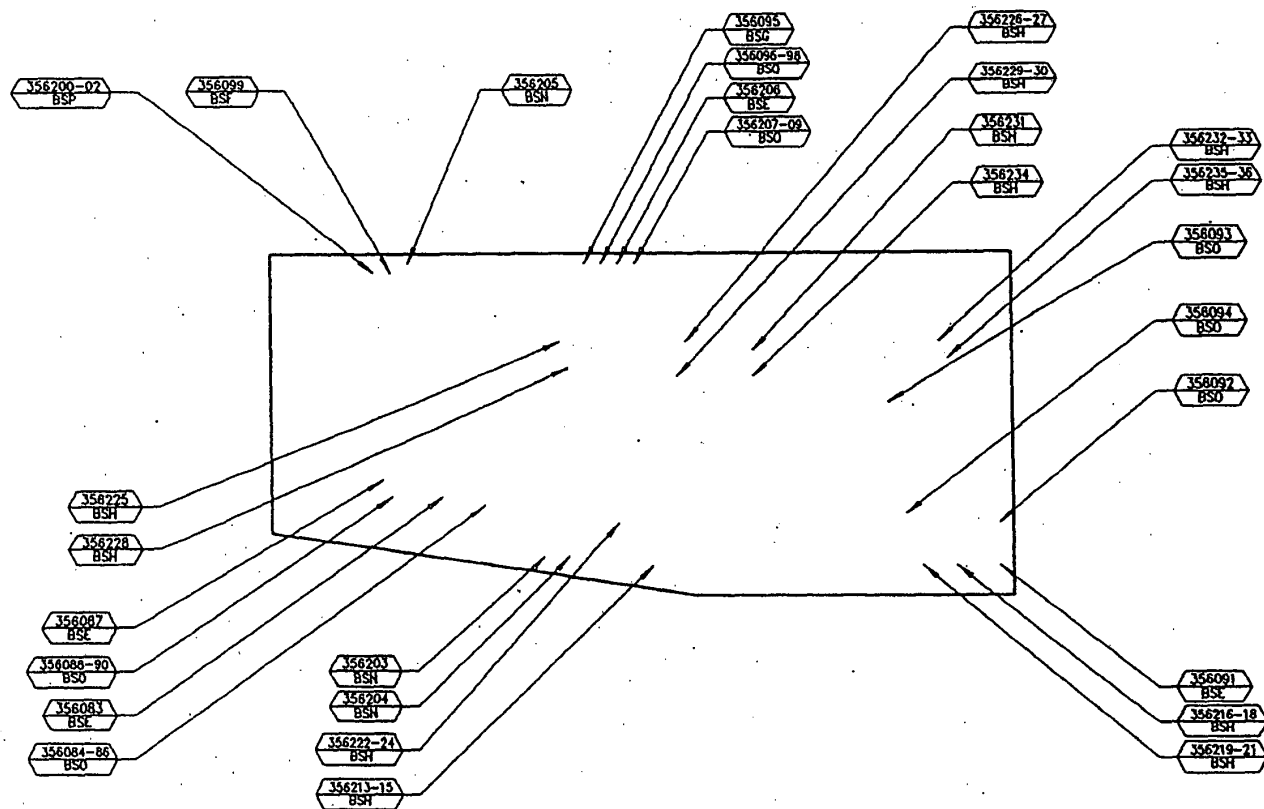
AREA AVERAGE % ASBESTOS: 0X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
lunch room-ceiling	17-356241	0X	acoustical tile	OMG	750 sq.ft.							
	17-356242	0X										
	17-356243	0X										

AREA COMMENTS

AREA # 06 TOTAL \$0 \$0 \$0

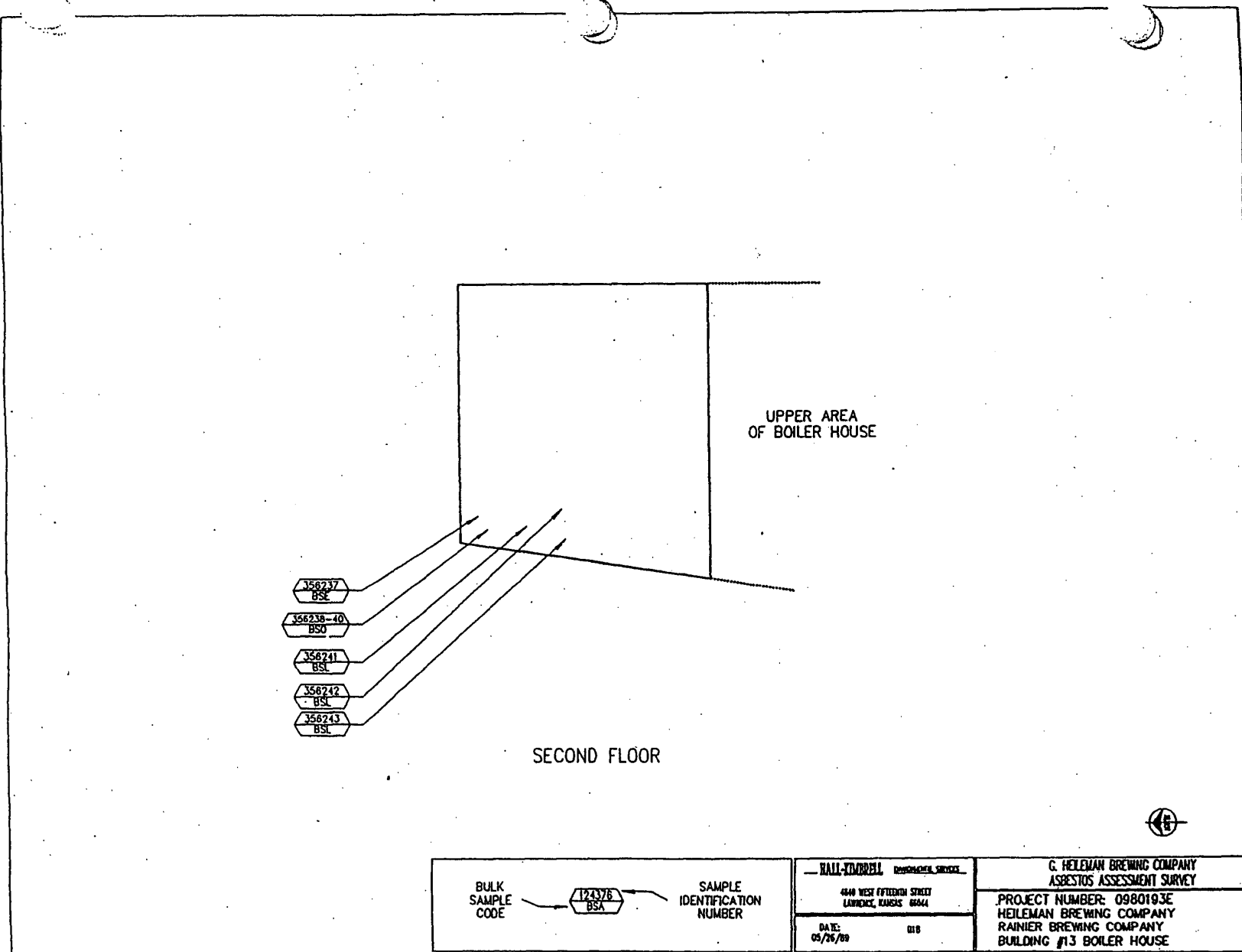
BUILDING # 13 TOTAL \$155,063 \$118,933 \$273,996



FIRST FLOOR



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-KIMBELL, LABORATORY SERVICE 4348 WEST FIFTEENTH STREET LAWRENCE, KANSAS 66044		C. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			DATE: 05/26/89	017	PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #13 BOILER HOUSE	



ASBESTOS ASSES SURVEY

H-K Building 14
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/28/89
Inspector: MARK VOTH

Building Number: 14
Building Name: STORAGE
SEATTLE, WASH.
Building Type: STRG/LAB
Year Constructed: UNKN

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 40%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
NW storage-near north wall-along ceiling	00-356355	40%	pipe covering	OMA	62 ft.	4 in. O.D.	HPS/R	25	III	\$553	\$346	\$899
east rooms-along ceiling	00-356355	40%	pipe covering	OMA	60 ft.	4 in. O.D.	HPS/R	25	III	\$535	\$335	\$870
NW storage-near NE corner-along wall	00-356355	40%	pipe covering	OMA	16 ft.	4 in. O.D.	HPS/R	25	III	\$143	\$89	\$232
southeast room-along west wall	00-356355	40%	pipe covering	OMA	5 ft.	4 in. O.D.	HPS/R	25	III	\$45	\$28	\$73
near carbon storage-along east wall	00-356359	30%	wrapped cardboard/paper pipe	OMA	9 ft.	4 in. O.D.	DW	25	III	\$80	\$50	\$130
east rooms-along ceiling	00-356359	30%	wrapped cardboard/paper pipe	OMA	91 ft.	4 in. O.D.	DW	25	III	\$872	\$508	\$1,320
southeast room-along west wall	00-356359	30%	wrapped cardboard/paper pipe	OMA	19 ft.	4 in. O.D.	DW	25	III	\$59	\$106	\$275
east rooms-along ceiling	01-356356	50%	mjp on pipe covering	OMA	8 4 in.	O.D.	HPS/R	25	III	\$25	\$125	\$350
southeast room-along west wall	01-356356	50%	mjp on pipe covering	OMA	2 4 in.	O.D.	HPS/R	25	III	\$6	\$31	\$87
NW storage-near north wall-along ceiling	01-356356	50%	mjp on pipe covering	OMA	6 4 in.	O.D.	HPS/R	25	III	\$9	\$94	\$263
	01-356357	60%						25	III			
	01-356358	30%						25	III			
near carbon storage-along east wall	02-356360	60%	mjp on wrapped cardboard/paper	OMA	2 4 in.	O.D.	DW	25	III	\$56	\$31	\$87
east rooms-along ceiling	02-356360	60%	mjp on wrapped cardboard/paper	OMA	20 4 in.	O.D.	DW	25	III	\$562	\$312	\$874
southeast room-along west wall	02-356360	60%	mjp on wrapped cardboard/paper	OMA	3 4 in.	O.D.	DW	25	III	\$84	\$47	\$131
	02-356361	60%						25	III			
	02-356362	60%						25	III			

AREA COMMENTS

AREA # 01 TOTAL \$3,489 \$2,102 \$5,591

The materials are in good to fair condition with minor contact and water damage. The materials are approximately 3' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

*****	AREA NUMBER: 02	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 43%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
east room-northwest corner-near door	00-356366	50%	pipe covering	OMA	32 ft.	4 in. O.D.	HPS/R	39	III	\$285	\$179	\$464
east room-northwest corner-near door	00-356366	50%	pipe covering	OMA	20 ft.	6 in. O.D.	HPS/R	39	III	\$260	\$162	\$422
east room-northwest corner-near door	00-356366	50%	pipe covering	OMA	8 ft.	8 in. O.D.	HPS/R	39	III	\$113	\$81	\$194
E rm-near central columns-along ceiling	00-356366	50%	pipe covering	OMA	45 ft.	4 in. O.D.	HPS/R	39	III	\$401	\$251	\$652
E room-near west columns-along ceiling	00-356366	50%	pipe covering	OMA	51 ft.	4 in. O.D.	HPS/R	39	III	\$455	\$285	\$740
east room-northwest corner-near door	00-356370	30%	wrapped cardboard/paper pipe	OMA	11 ft.	6 in. O.D.	DW	39	III	\$143	\$89	\$232
E rm-near central columns-along ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	33 ft.	4 in. O.D.	DW	39	III	\$294	\$184	\$478
E room-near west columns-along ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	10 ft.	4 in. O.D.	DW	39	III	\$89	\$56	\$145
east room-northwest corner-near door	00-356370	30%	wrapped cardboard/paper pipe	OMA	12 ft.	4 in. O.D.	DW	39	III	\$107	\$67	\$174

H-K Building 14
 Project Number 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/28/89
 Inspector: MARK VOTH

ASBESTOS ASSESSMENT SURVEY

Building Number: 14
 Building Name: STORAGE
 SEATTLE, WASHINGTON 98134
 Building Type: STRG/LAB
 Year Constructed: UNKN

east room-near west wall-along ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	104 ft. 4 in. O.D.	DW	39 III	\$928	\$580	\$1,508
east room-northwest corner-near door	04-356367	50%	mjp on pipe covering	OMA	5 4 in. O.D.	HPS/R	39 III	\$140	\$78	\$218
east room-northwest corner-near door	04-356367	50%	mjp on pipe covering	OMA	1 8 in. O.D.	HPS/R	39 III	\$48	\$28	\$76
E rm-near central columns-along ceiling	04-356367	50%	mjp on pipe covering	OMA	8 4 in. O.D.	HPS/R	39 III	\$225	\$125	\$350
E room-near west columns-along ceiling	04-356367	50%	mjp on pipe covering	OMA	7 4 in. O.D.	HPS/R	39 III	\$197	\$109	\$306
east room-northwest corner-near door	04-356367	50%	mjp on pipe covering	OMA	5 6 in. O.D.	HPS/R	39 III	\$193	\$114	\$307
	04-356368	60%					39 III			
	04-356369	60%					39 III			
east room-northwest corner-near door	05-356371	60%	mjp on wrapped cardboard/paper	OMA	2 6 in. O.D.	DW	39 III	\$77	\$45	\$122
east room-near west wall-along ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	7 4 in. O.D.	DW	39 III	\$197	\$109	\$306
E room-near west columns-along ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	2 4 in. O.D.	DW	39 III	\$56	\$31	\$87
east room-northwest corner-near door	05-356371	60%	mjp on wrapped cardboard/paper	OMA	1 4 in. O.D.	DW	39 III	\$28	\$16	\$44
E rm-near central columns-along ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	5 4 in. O.D.	DW	39 III	\$140	\$78	\$218
	05-356372	60%					39 III			
	05-356373	60%					39 III			

AREA COMMENTS

AREA # 02 TOTAL \$4,376 \$2,667 \$7,043

The materials are in good to fair condition with contact and water damage. The materials are approximately 4' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

*****	AREA NUMBER: 03	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 40%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
Instrument lab-along W wall-near ceiling	00-356366	50%	pipe covering	OMA	22 ft. 4 in.	O.D. HPS/R	25 III			\$196	\$123	\$319
Instrument lab-restroom-at ceiling	00-356366	50%	pipe covering	OMA	18 ft. 8 in.	O.D. HPS/R	25 III			\$255	\$182	\$437
Instrument lab-restroom-at ceiling	00-356366	50%	pipe covering	OMA	40 ft. 4 in.	O.D. HPS/R	25 III			\$357	\$223	\$580
Instrument lab-hallway-at ceiling	00-356366	50%	pipe covering	OMA	4 ft. 4 in.	O.D. HPS/R	25 III			\$36	\$22	\$58
Instrument lab-hallway-at ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	18 ft. 4 in.	O.D. DW	25 III			\$161	\$100	\$261
Instrument lab-SE storage-at ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	4 ft. 4 in.	O.D. DW	25 III			\$36	\$22	\$58
Instrument lab-restroom-at ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	40 ft. 4 in.	O.D. DW	25 III			\$357	\$223	\$580
Instrument lab-stairwell-at east wall	00-356370	30%	wrapped cardboard/paper pipe	OMA	14 ft. 4 in.	O.D. DW	25 III			\$125	\$78	\$203
northeast stairwell-near landing	03-356363	0%	pipe covering	OMA	10 ft. 10 in.	O.D. RS/R						
	03-356364	0%										
	03-356365	0%										
Instrument lab-along W wall-near ceiling	04-356367	50%	mjp on pipe covering	OMA	1 4 in.	O.D. HPS/R	25 III			\$28	\$16	\$44
Instrument lab-restroom-at ceiling	04-356367	50%	mjp on pipe covering	OMA	1 8 in.	O.D. HPS/R	25 III			\$48	\$28	\$76
Instrument lab-restroom-at ceiling	04-356367	50%	mjp on pipe covering	OMA	5 4 in.	O.D. HPS/R	25 III			\$140	\$78	\$218
	04-356368	60%					25 III					
	04-356369	60%					25 III					
Instrument lab-restroom-at ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	4 4 in.	O.D. DW	25 III			\$112	\$62	\$174
Instrument lab-SE storage-at ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D. DW	25 III			\$28	\$16	\$44
Instrument lab-stairwell-at east wall	05-356371	60%	mjp on wrapped cardboard/paper	OMA	3 4 in.	O.D. DW	25 III			\$84	\$47	\$131

HALL-KIMBRELL ENVIRONMENTAL INC.

Page 36

06/09/89

RCLLC 0002014

ASBESTOS SURVEY

H-K Building #: 14
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/28/89
Inspector: MARK VOTH

Building Number: 14
Building Name: STORAGE
SEATTLE, WASHINGTON 98134
Building Type: STRG/LAB
Year Constructed: UNKN

05-356372	60%	25 III
05-356373	60%	25 III

AREA COMMENTS

AREA # 03 TOTAL \$1,963 \$1,220 \$3,183

The materials are in good to fair condition with minor contact and water damage. The materials are approximately 3' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a moderate traffic area.

*****	AREA NUMBER: 04	AREA DESCRIPTION: 2nd Floor-Carbon Dioxide Receiving Room	AREA AVERAGE % ASBESTOS: 47%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above carbon dioxide tank-along ceiling	00-356366	50%	pipe covering	OMA	92 ft. 4 in.	O.D.	HPS/R	25	III	\$821	\$513	\$1,334
above carbon dioxide tank-along ceiling	00-356366	50%	pipe covering	OMA	4 ft. 6 in.	O.D.	HPS/R	25	III	\$52	\$32	\$84
above carbon dioxide tank-along ceiling	00-356366	50%	pipe covering	OMA	10 ft. 8 in.	O.D.	HPS/R	25	III	\$141	\$101	\$242
above carbon dioxide tank-along ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	10 ft. 6 in.	O.D.	DW	25	III	\$130	\$81	\$211
above carbon dioxide tank-along ceiling	00-356370	30%	wrapped cardboard/paper pipe	OMA	32 ft. 4 in.	O.D.	DW	25	III	\$285	\$179	\$464
above carbon dioxide tank-along ceiling	04-356367	50%	mjp on pipe covering	OMA	2 8 in.	O.D.	HPS/R	25	III	\$96	\$57	\$153
above carbon dioxide tank-along ceiling	04-356367	50%	mjp on pipe covering	OMA	1 6 in.	O.D.	HPS/R	25	III	\$39	\$23	\$62
above carbon dioxide tank-along ceiling	04-356367	50%	mjp on pipe covering	OMA	24 4 in.	O.D.	HPS/R	25	III	\$674	\$375	\$1,049
	04-356368	60%						25	III			
	04-356369	60%						25	III			
above carbon dioxide tank-along ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	3 4 in.	O.D.	DW	25	III	\$84	\$47	\$131
above carbon dioxide tank-along ceiling	05-356371	60%	mjp on wrapped cardboard/paper	OMA	1 6 in.	O.D.	DW	25	III	\$39	\$23	\$62
	05-356372	60%						25	III			
	05-356373	60%						25	III			

AREA COMMENTS

AREA # 04 TOTAL \$2,361 \$1,431 \$3,792

The materials are in good condition with minor contact and water damage. The materials are approximately 9' to 11' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

BUILDING # 14 TOTAL \$12,189 \$7,420 \$19,609

356360-61
BSQ

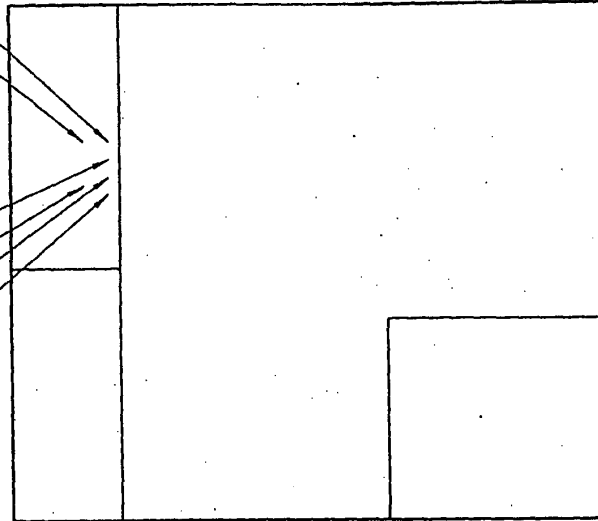
356362
BSQ

356359
BSQ

356358
BSQ

356355
BSQ

356356-57
BSQ



FIRST FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-KIMMEL LABORATORY SERVICE

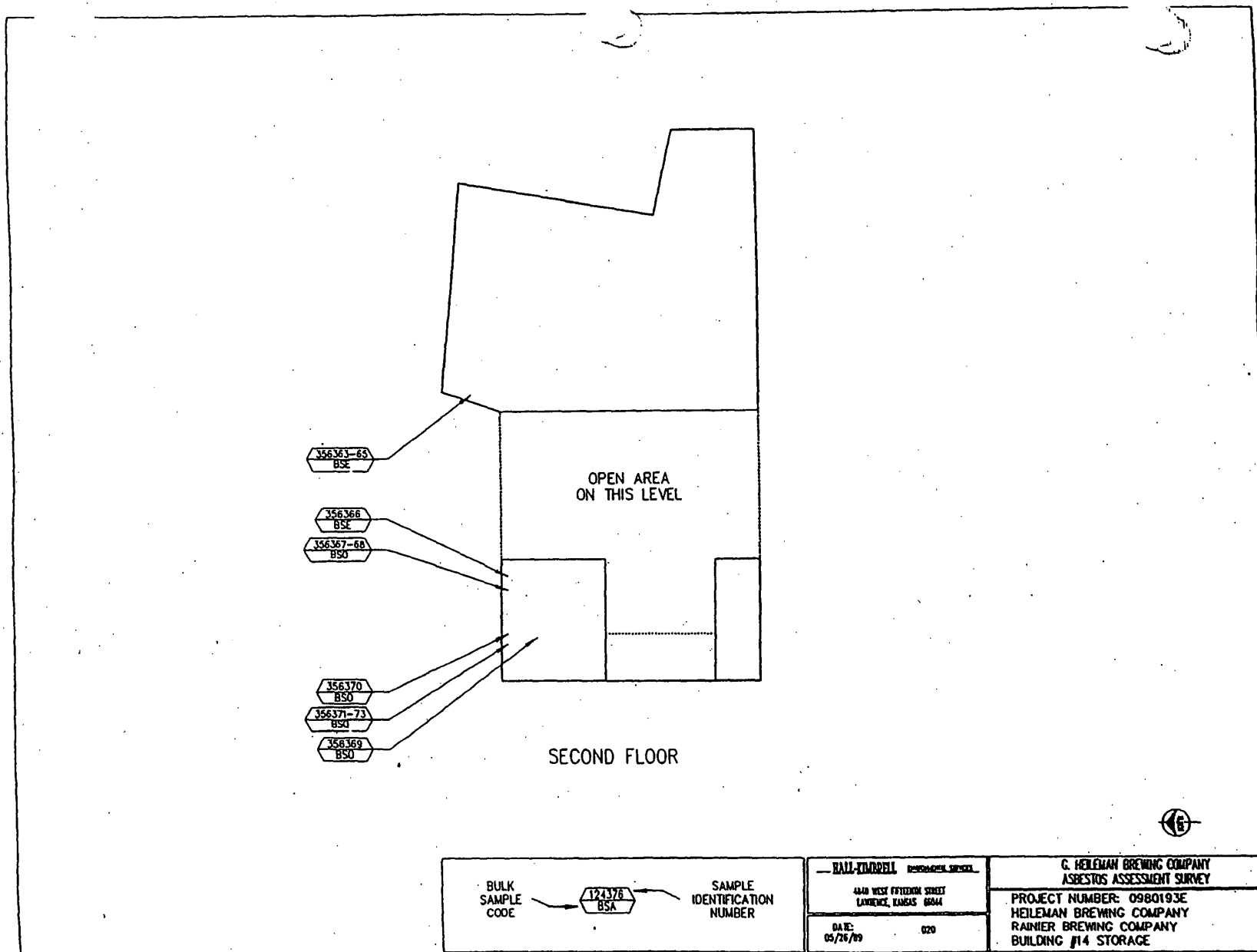
6340 WEST 17TH AVENUE
LAWRENCE, KANSAS 66044

DATE:
05/26/99

019

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #14 STORAGE



ASBESTOS ASSESSMENT SURVEY

H-K Building - 15
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/28/89
 Inspector: MARK VOTH

Building Number: 15
 Building Name: OLD KEG WASHING
 SEATTLE, WASHINGTON 98134
 Building Type: KEGGING
 Year Constructed: 1940

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 27%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
along north wall-at ceiling	00-356344	30%	wrapped cardboard/paper pipe	OHA	64 ft.	4 in. O.D.	DW	23	III	\$571	\$357	\$928
along south wall-at ceiling	00-356344	30%	wrapped cardboard/paper pipe	OHA	80 ft.	4 in. O.D.	DW	23	III	\$714	\$446	\$1,160
above keg line-along ceiling	00-356351	30%	pipe covering	OHA	143 ft.	4 in. O.D.	HPS/R	23	III	\$1,276	\$798	\$2,074
northwest stairwell-along ceiling	00-356351	30%	pipe covering	OHA	17 ft.	6 in. O.D.	HPS/R	23	III	\$221	\$138	\$359
near southeast corner-at keg line	00-356351	30%	pipe covering	OHA	44 ft.	4 in. O.D.	HPS/R	23	III	\$392	\$246	\$638
along north row of columns-at ceiling	00-356351	30%	pipe covering	OHA	63 ft.	4 in. O.D.	HPS/R	23	III	\$562	\$352	\$914
northwest corner-at ceiling	00-356351	30%	pipe covering	OHA	8 ft.	6 in. O.D.	HPS/R	23	III	\$104	\$65	\$169
near west wall-along ceiling	00-356351	30%	pipe covering	OHA	70 ft.	6 in. O.D.	HPS/R	23	III	\$909	\$568	\$1,477
along south wall-at ceiling	04-356345	40%	mjp on wrapped cardboard/paper	OHA	5	4 in. O.D.	DW	23	III	\$140	\$78	\$218
along north wall-at ceiling	04-356345	40%	mjp on wrapped cardboard/paper	OHA	7	4 in. O.D.	DW	23	III	\$197	\$109	\$306
	04-356346	40%						23	III			
	04-356347	40%						23	III			
northwest corner-at ceiling	05-356348	7%	mjp on non-suspect pipe cover	OHA	2	4 in. O.D.	DW	23	III	\$56	\$31	\$87
near west wall-along ceiling	05-356348	7%	mjp on non-suspect pipe cover	OHA	3	4 in. O.D.	DW	23	III	\$84	\$47	\$131
	05-356349	10%						23	III			
	05-356350	10%						23	III			
near southeast corner-at keg line	06-356352	3%	mjp on pipe covering	OHA	4	4 in. O.D.	HPS/R	23	III	\$112	\$62	\$174
northwest corner-at ceiling	06-356352	3%	mjp on pipe covering	OHA	2	6 in. O.D.	HPS/R	23	III	\$77	\$45	\$122
above keg line-along ceiling	06-356352	3%	mjp on pipe covering	OHA	14	4 in. O.D.	HPS/R	23	III	\$393	\$219	\$612
above keg line-along ceiling	06-356352	3%	mjp on pipe covering	OHA	2	6 in. O.D.	HPS/R	23	III	\$77	\$45	\$122
along north row of columns-at ceiling	06-356352	3%	mjp on pipe covering	OHA	2	4 in. O.D.	HPS/R	23	III	\$56	\$31	\$87
near west wall-along ceiling	06-356352	3%	mjp on pipe covering	OHA	1	6 in. O.D.	HPS/R	23	III	\$39	\$23	\$62
	06-356353	10%						23	III			
	06-356354	10%						23	III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 3' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 01 TOTAL \$5,980 \$3,660 \$9,640

*****	AREA NUMBER: 02	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 25%	*****
-------	-----------------	-----------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
near S electrical panel-at heat exchange	00-356336	20%	pipe covering	OHA	17 ft.	4 in. O.D.	HPS/R	38	III	\$152	\$95	\$247
north wall-near stairs	00-356340	30%	wrapped cardboard/paper pipe	OHA	12 ft.	4 in. O.D.	DW	38	III	\$107	\$67	\$174
near S electrical panel-heat exchanger	01-356333	50%	boiler/tank insulation	OMB	193	sq.ft.		38	III	\$5,452	\$4,368	\$9,820

HALL-KIMBRELL ENVIRONMENTAL INC.

Page 38

06/09/89

RCLLC 0002018

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 15
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/28/89
 Inspector: MARK VOTH

Building Number: 15
 Building Name: OLD KEG WASHING
 SEATTLE, WASHINGTON 98134
 Building Type: KEGGING
 Year Constructed: 1940

near S electrical panel-at heat exchange	01-356334	20%	mjp on pipe covering	OMA	2 4 in. O.D.	NPS/R	38 III	\$56	\$31	\$87
	01-356335	20%					38 III			
	02-356337	10%					38 III			
	02-356338	10%					38 III			
north wall-near stairs	02-356339	10%	mjp on wrapped cardboard/paper	OMA	3 4 in. O.D.	DW	38 III	\$84	\$47	\$131
	03-356341	30%					38 III			
	03-356342	40%					38 III			
	03-356343	40%					38 III			

AREA COMMENTS

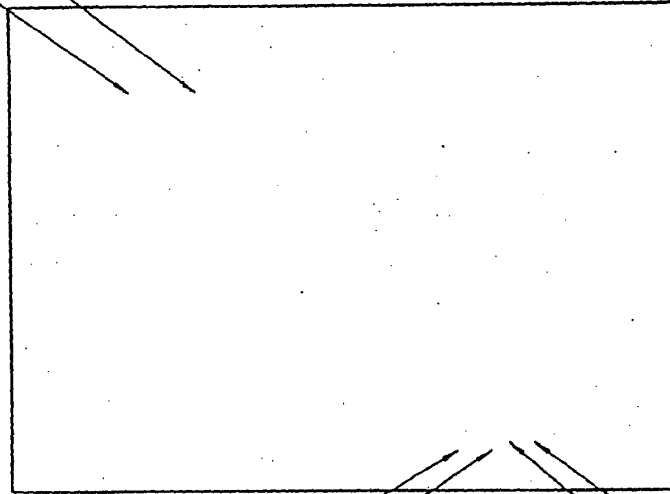
The materials are in fair condition with minor contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 02 TOTAL \$5,851 \$4,608 \$10,459

BUILDING # 15 TOTAL \$11,831 \$8,268 \$20,099

356351
BSL

356353-54
BSO



356345-47
BSO
356344
BSO

356352
BSO
356348-50
BSN

FIRST FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-THORPELL ENGINEERING SERVICES

4040 WEST FIFTEENTH STREET
LAURENCE, KANSAS 66044

DATE:
05/26/09

021

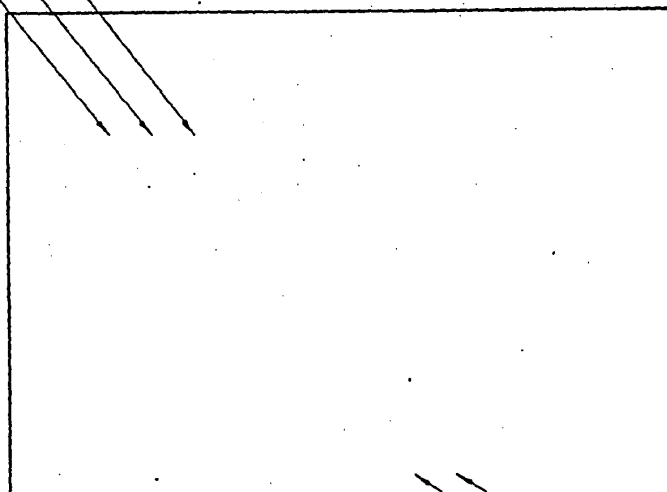
G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #15 OLD KEG WASHING

356337-39
BSQ

356338
BSQ

356339-40
BSQ



356340
BSQ

356341-43
BSQ

SECOND FLOOR



BULK
SAMPLE
CODE

124378
BSA

SAMPLE
IDENTIFICATION
NUMBER

RAIL-TIMBERL

644 WEST FIFTH STREET
LAWRENCE, KANSAS 66044

DATE:
05/26/89

022

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #15 OLD KEG WASHING

H-K Building #21
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: TIM SWARTZ

ASBESTOS ASSES SURVEY

Building Number: 21/22
 Building Name: BREWHOUSE/STOCK CELLARS
 SEATTLE, WASHINGTON
 Building Type: BREW/STOCK
 Year Constructed: 1948

*****	AREA NUMBER: 01	AREA DESCRIPTION: Ground Floor-Part #21-Spent Grain Room	AREA AVERAGE % ASBESTOS: 22%	*****
-------	-----------------	--	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
above caustic tank & along east wall	00-356573	25%	pipe covering	OMA	50 ft.	4 in. O.D.	HPS/R	27	III	\$446	\$279	\$725
southeast area-by caustic tank	00-356577	0%	pipe covering	OMA	30 ft.	8 in. O.D.	DW					
above caustic tank & along south wall	00-356581	10%	wrapped cardboard/paper pipe	OMA	42 ft.	8 in. O.D.	DW	27	III	\$594	\$425	\$1,019
center E to W-along beam-at ceiling	00-356585	15%	wrapped cardboard/paper pipe	OMA	25 ft.	6 in. O.D.	DW	27	III	\$324	\$203	\$527
along east wall-near ceiling	00-356585	15%	wrapped cardboard/paper pipe	OMA	70 ft.	4 in. O.D.	DW	27	III	\$624	\$391	\$1,015
near north entrance	00-356585	15%	wrapped cardboard/paper pipe	OMA	26 ft.	8 in. O.D.	DW	27	III	\$368	\$263	\$631
above caustic tank & along east wall	00-356585	15%	wrapped cardboard/paper pipe	OMA	30 ft.	4 in. O.D.	DW	27	III	\$268	\$167	\$435
center N to S-along beam-at ceiling	00-356585	15%	wrapped cardboard/paper pipe	OMA	12 ft.	4 in. O.D.	DW	27	III	\$107	\$67	\$174
above caustic tank & along east wall	12-356574	15%	mjp on pipe covering	OMA	20	4 in. O.D.	HPS/R	27	III	\$562	\$312	\$874
	12-356575	10%						27	III			
	12-356576	25%						27	III			
southeast area-by caustic tank	13-356578	0%	mjp on pipe covering	OMA	3	8 in. O.D.	DW	27	III	\$144	\$85	\$229
	13-356579	0%						27	III			
	13-356580	0%						27	III			
above caustic tank & along south wall	14-356582	35%	mjp on wrapped cardboard/paper	OMA	70	8 in. O.D.	DW	27	III	\$3,369	\$1,981	\$5,350
	14-356583	40%						27	III			
	14-356584	50%						27	III			
near north entrance	15-356586	50%	mjp on wrapped cardboard/paper	OMA	2	8 in. O.D.	DW	27	III	\$96	\$57	\$153
along east wall-near ceiling	15-356586	50%	mjp on wrapped cardboard/paper	OMA	10	4 in. O.D.	DW	27	III	\$281	\$156	\$437
above caustic tank & along east wall	15-356586	50%	mjp on wrapped cardboard/paper	OMA	6	4 in. O.D.	DW	27	III	\$169	\$94	\$263
center E to W-along beam-at ceiling	15-356586	50%	mjp on wrapped cardboard/paper	OMA	1	6 in. O.D.	DW	27	III	\$39	\$23	\$62
center N to S-along beam-at ceiling	15-356586	50%	mjp on wrapped cardboard/paper	OMA	1	4 in. O.D.	DW	27	III	\$28	\$16	\$44
	15-356587	60%						27	III			
	15-356588	60%						27	III			

AREA COMMENTS

AREA # 01 TOTAL \$7,419 \$4,519 \$11,938

The materials are in fair condition with minor localized contact and water damage. The materials are approximately 5' to 14' from the floor. At a minimum, it is recommended that the materials be properly repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a medium traffic area.

*****	AREA NUMBER: 02	AREA DESCRIPTION: Ground Floor	AREA AVERAGE % ASBESTOS: 27%	*****
-------	-----------------	--------------------------------	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
part 21-brew kettle rm-under S kettle	00-356573	25%	pipe covering	OMA	80 ft.	4 in. O.D.	HPS/R	26	III	\$714	\$446	\$1,160
part 21-brew kettle rm-under S kettle	00-356573	25%	pipe covering	OMA	5 ft.	6 in. O.D.	HPS/R	26	III	\$65	\$41	\$106

HALL-KIMBRELL ENVIRONMENTAL INC.

06/09/89

6.66

RCLLC 0002022

H-K Building 21
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 21/22
 Building Name: BREWHOUSE/STOCK CELLARS
 SEATTLE, WASHINGTON
 Building Type: BREW/STOCK
 Year Constructed: 1948

part 21-west wall	00-356573	25X	pipe covering	OMA	20 ft. 6 in. O.D.	HPS/R	26 III	\$260	\$162	\$422
stairwell in part 21	00-356573	25X	pipe covering	OMA	5 ft. 4 in. O.D.	HPS/R	26 III	\$45	\$28	\$73
stairwell in part 21	00-356573	25X	pipe covering	OMA	3 ft. 6 in. O.D.	HPS/R	26 III	\$39	\$24	\$63
part 21-brew kettle rm-under N kettle	00-356573	25X	pipe covering	OMA	45 ft. 4 in. O.D.	HPS/R	26 III	\$401	\$251	\$652
part 21-brew kettle rm-under N kettle	00-356573	25X	pipe covering	OMA	16 ft. 6 in. O.D.	HPS/R	26 III	\$208	\$130	\$338
part 21-against south wall-along ceiling	00-356573	25X	pipe covering	OMA	20 ft. 4 in. O.D.	HPS/R	26 III	\$178	\$112	\$290
part 21-brew kettle rm-along east wall	00-356573	25X	pipe covering	OMA	45 ft. 4 in. O.D.	HPS/R	26 III	\$401	\$251	\$652
part 22-cellar H stock-along east wall	00-356573	25X	pipe covering	OMA	180 ft. 4 in. O.D.	HPS/R	26 III	\$1,606	\$1,004	\$2,610
part 22-cellar H stock-along east wall	00-356573	25X	pipe covering	OMA	180 ft. 8 in. O.D.	HPS/R	26 III	\$2,547	\$1,820	\$4,367
part 21-west wall	00-356573	25X	pipe covering	OMA	40 ft. 8 in. O.D.	HPS/R	26 III	\$566	\$404	\$970
part 21-brew kettle room-catwalk	00-356573	25X	pipe covering	OMA	130 ft. 4 in. O.D.	HPS/R	26 III	\$1,160	\$725	\$1,885
part 21-brew kettle room-catwalk	00-356573	25X	pipe covering	OMA	88 ft. 6 in. O.D.	HPS/R	26 III	\$1,142	\$714	\$1,856
part 21-west wall	00-356573	25X	pipe covering	OMA	40 ft. 4 in. O.D.	HPS/R	26 III	\$357	\$223	\$580
stairwell in part 21	00-356573	25X	pipe covering	OMA	3 ft. 10 in. O.D.	HPS/R	26 III	\$57	\$42	\$99
pt 21-brew kettle rm-catwalk-ctr&E wall	00-356577	0X	pipe covering	OMA	35 ft. 4 in. O.D.	DW				
pt 21-brew kettle rm-catwalk-ctr&E wall	00-356577	0X	pipe covering	OMA	10 ft. 6 in. O.D.	DW				
part 21-against south wall-along ceiling	00-356577	0X	pipe covering	OMA	25 ft. 8 in. O.D.	DW				
part 21-brew kettle rm-northeast area	00-356589	40X	pipe covering	OMA	25 ft. 6 in. O.D.	PL	26 III	\$324	\$203	\$527
part 21-brew kettle rm-kettle at N end	01-356463	50X	boiler/tank insulation	OMB	830 sq.ft.		26 III	\$23,448	\$18,783	\$42,231
	01-356464	35X					26 III			
	01-356465	35X					26 III			
part 21-brew kettle rm-kettle at S end	02-356466	40X	boiler/tank insulation	OMB	830 sq.ft.		26 III	\$23,448	\$18,783	\$42,231
	02-356467	40X					26 III			
	02-356468	40X					26 III			
part 21-brew kettle room-catwalk	12-356574	15X	mjp on pipe covering	OMA	16 4 in. O.D.	HPS/R	26 III	\$449	\$250	\$699
part 22-cellar H stock-along east wall	12-356574	15X	mjp on pipe covering	OMA	4 8 in. O.D.	HPS/R	26 III	\$193	\$113	\$304
part 21-brew kettle rm-under S kettle	12-356574	15X	mjp on pipe covering	OMA	20 4 in. O.D.	HPS/R	26 III	\$562	\$312	\$874
part 21-west wall	12-356574	15X	mjp on pipe covering	OMA	5 4 in. O.D.	HPS/R	26 III	\$140	\$78	\$211
stairwell in part 21	12-356574	15X	mjp on pipe covering	OMA	1 10 in. O.D.	HPS/R	26 III	\$63	\$39	\$102
part 22-cellar H stock-along east wall	12-356574	15X	mjp on pipe covering	OMA	4 4 in. O.D.	HPS/R	26 III	\$112	\$62	\$171
part 21-against south wall-along ceiling	12-356574	15X	mjp on pipe covering	OMA	4 4 in. O.D.	HPS/R	26 III	\$112	\$62	\$171
part 21-brew kettle rm-under N kettle	12-356574	15X	mjp on pipe covering	OMA	15 4 in. O.D.	HPS/R	26 III	\$421	\$234	\$655
part 21-west wall	12-356574	15X	mjp on pipe covering	OMA	4 8 in. O.D.	HPS/R	26 III	\$193	\$113	\$304
part 21-brew kettle room-catwalk	12-356574	15X	mjp on pipe covering	OMA	20 6 in. O.D.	HPS/R	26 III	\$774	\$454	\$1,228
stairwell in part 21	12-356574	15X	mjp on pipe covering	OMA	1 6 in. O.D.	HPS/R	26 III	\$39	\$23	\$6
stairwell in part 21	12-356574	15X	mjp on pipe covering	OMA	1 4 in. O.D.	HPS/R	26 III	\$28	\$16	\$4
part 21-brew kettle rm-along east wall	12-356574	15X	mjp on pipe covering	OMA	10 4 in. O.D.	HPS/R	26 III	\$281	\$156	\$43
part 21-west wall	12-356574	15X	mjp on pipe covering	OMA	8 6 in. O.D.	HPS/R	26 III	\$309	\$182	\$49
	12-356575	10X					26 III			
	12-356576	25X					26 III			
pt 21-brew kettle rm-catwalk-ctr&E wall	13-356578	0X	mjp on pipe covering	OMA	8 4 in. O.D.	DW	26 III	\$225	\$125	\$35
part 21-against south wall-along ceiling	13-356578	0X	mjp on pipe covering	OMA	2 8 in. O.D.	DW	26 III	\$96	\$57	\$15
	13-356579	0X					26 III			
	13-356580	0X					26 III			
part 21-brew kettle rm-northeast area	16-356590	40X	mjp on pipe covering	OMA	12 6 in. O.D.	PL	26 III	\$464	\$273	\$7
	16-356591	0X					26 III			
	16-356592	40X					26 III			
part 21-brew kettle rm-caustic tank	17-356593	0X	boiler/tank insulation	OMB	90 sq.ft.		26 III			

H-K Building 21
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: TIM SWARTZ

ASBESTOS ASS. SURVEY

Building Number: 21/22
 Building Name: BREWHOUSE/STOCK CELLARS
 SEATTLE, WASHINGTON
 Building Type: BREW/STOCK
 Year Constructed: 1948

part 21-brew kettle rm-3M CIP tank-north	17-356594	0%	boiler/tank insulation	OMB	86 sq.ft.	26 III	\$2,430	\$1,946	\$4,376
	17-356595	0%				26 III			
	18-356596	40%				26 III			
	18-356597	50%				26 III			
	18-356598	40%				26 III			

AREA COMMENTS

The materials are in fair to good condition with minor contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$63,857 \$48,641 \$112,498

***** AREA NUMBER: 03

AREA DESCRIPTION: 2nd Floor-Part #21

AREA AVERAGE % ASBESTOS: 35X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
stairwell between 1st & 2nd floors	00-356472	30%	pipe covering	OMA	20 ft.	4 in. O.D.	HPS/R	26	III	\$178	\$112	\$2
stairwell between 1st & 2nd floors	00-356472	30%	pipe covering	OMA	8 ft.	10 in. O.D.	HPS/R	26	III	\$151	\$112	\$2
stairwell between 1st & 2nd floors	00-356472	30%	pipe covering	OMA	8 ft.	12 in. O.D.	HPS/R	26	III	\$176	\$135	\$3
kettle room-north area	00-356472	30%	pipe covering	OMA	140 ft.	4 in. O.D.	HPS/R	26	III	\$1,249	\$781	\$2,030
kettle room-north area	00-356472	30%	pipe covering	OMA	16 ft.	6 in. O.D.	HPS/R	26	III	\$208	\$130	\$338
kettle room-north area	00-356472	30%	pipe covering	OMA	15 ft.	8 in. O.D.	HPS/R	26	III	\$212	\$152	\$364
kettle room-mezzanine-along south wall	00-356472	30%	pipe covering	OMA	10 ft.	12 in. O.D.	HPS/R	26	III	\$220	\$169	\$389
kettle room-mezzanine-along north wall	00-356472	30%	pipe covering	OMA	5 ft.	6 in. O.D.	HPS/R	26	III	\$65	\$41	\$106
kettle room-hops storage	00-356472	30%	pipe covering	OMA	40 ft.	4 in. O.D.	HPS/R	26	III	\$357	\$223	\$580
kettle room-mezzanine-along south wall	00-356472	30%	pipe covering	OMA	10 ft.	10 in. O.D.	HPS/R	26	III	\$189	\$140	\$329
kettle room-mezzanine-along north wall	00-356472	30%	pipe covering	OMA	30 ft.	8 in. O.D.	HPS/R	26	III	\$424	\$303	\$727
kettle room-mezzanine-against east wall	00-356472	30%	pipe covering	OMA	18 ft.	8 in. O.D.	HPS/R	26	III	\$255	\$182	\$437
kettle room-mezzanine-against south wall	00-356476	40%	wrapped cardboard/paper pipe	OMA	10 ft.	8 in. O.D.	DW	26	III	\$141	\$101	\$242
kettle room-break room	00-356476	40%	wrapped cardboard/paper pipe	OMA	1 ft.	6 in. O.D.	DW	26	III	\$13	\$8	\$21
kettle room-break room	00-356476	40%	wrapped cardboard/paper pipe	OMA	10 ft.	8 in. O.D.	DW	26	III	\$141	\$101	\$242
kettle room-hops storage-northeast area	00-356476	40%	wrapped cardboard/paper pipe	OMA	10 ft.	6 in. O.D.	DW	26	III	\$130	\$81	\$211
stairwell between 1st & 2nd floors	04-356473	50%	mjp on pipe covering	OMA	6	4 in. O.D.	HPS/R	26	III	\$169	\$94	\$263
kettle room-north area	04-356473	50%	mjp on pipe covering	OMA	4	6 in. O.D.	HPS/R	26	III	\$155	\$91	\$246
stairwell between 1st & 2nd floors	04-356473	50%	mjp on pipe covering	OMA	2	10 in. O.D.	HPS/R	26	III	\$125	\$78	\$203
kettle room-mezzanine-along north wall	04-356473	50%	mjp on pipe covering	OMA	6	6 in. O.D.	HPS/R	26	III	\$232	\$136	\$368
kettle room-mezzanine-along north wall	04-356473	50%	mjp on pipe covering	OMA	5	8 in. O.D.	HPS/R	26	III	\$241	\$141	\$382
stairwell between 1st & 2nd floors	04-356473	50%	mjp on pipe covering	OMA	2	12 in. O.D.	HPS/R	26	III	\$152	\$95	\$247
kettle room-north area	04-356473	50%	mjp on pipe covering	OMA	12	4 in. O.D.	HPS/R	26	III	\$337	\$187	\$524
kettle room-hops storage-south area	04-356473	50%	mjp on pipe covering	OMA	12	4 in. O.D.	HPS/R	26	III	\$337	\$187	\$524
kettle room-north area	04-356473	50%	mjp on pipe covering	OMA	3	8 in. O.D.	HPS/R	26	III	\$144	\$85	\$229
kettle room-mezzanine-against east wall	04-356473	50%	mjp on pipe covering	OMA	4	8 in. O.D.	HPS/R	26	III	\$193	\$113	\$306
	04-356474	50%							26 III			
	04-356475	60%							26 III			

ASBESTOS ASSESSMENT SURVEY

H-K Building No. 21
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/21/89
Inspector: TIM SWARTZ

Building Number: 21/22
Building Name: BREWHOUSE/STOCK CELLARS
SEATTLE, WASHINGTON
Building Type: BREW/STOCK
Year Constructed: 1948

234

kettle room-break room	05-356477	60%	mjp on wrapped cardboard/paper	OMA	1 8 in. O.D.	DW	26 III	\$48	\$28	\$71
kettle room-break room	05-356477	60%	mjp on wrapped cardboard/paper	OMA	2 6 in. O.D.	DW	26 III	\$77	\$45	\$12
	05-356478	50%					26 III			
	05-356479	50%					26 III			
kettle room-break room-whirlpool	06-356480	50%	boiler/tank insulation	OMB	550 sq.ft.		26 III	\$15,538	\$12,446	\$27,98
	06-356481	10%					26 III			
	06-356482	40%					26 III			

AREA COMMENTS

AREA # 03 TOTAL \$21,857 \$16,497 \$38,354

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 18' from the floor. At a minimum, it is recommended the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

***** AREA NUMBER: 04 AREA DESCRIPTION: 3rd Floor-Part #21-Tank Bottom Room AREA AVERAGE % ASBESTOS: 32% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
below mash tub	00-356495	30%	pipe covering	OMA	55 ft.	4 in. O.D.	HPS/R	28	III	\$491	\$307	\$79
below mash tub	00-356495	30%	pipe covering	OMA	35 ft.	6 in. O.D.	HPS/R	28	III	\$454	\$284	\$73
north of mash filter	00-356495	30%	pipe covering	OMA	6 ft.	4 in. O.D.	HPS/R	28	III	\$54	\$33	\$8
south of mash filter	00-356495	30%	pipe covering	OMA	10 ft.	8 in. O.D.	HPS/R	28	III	\$141	\$101	\$24
below adjunct cooker	00-356495	30%	pipe covering	OMA	25 ft.	10 in. O.D.	HPS/R	28	III	\$472	\$349	\$82
below convertor tank	00-356495	30%	pipe covering	OMA	30 ft.	6 in. O.D.	HPS/R	28	III	\$389	\$243	\$63
just northeast of caustic tank	00-356495	30%	pipe covering	OMA	15 ft.	4 in. O.D.	HPS/R	28	III	\$134	\$84	\$21
just northeast of caustic tank	00-356495	30%	pipe covering	OMA	5 ft.	6 in. O.D.	HPS/R	28	III	\$65	\$41	\$10
below convertor tank	00-356495	30%	pipe covering	OMA	60 ft.	4 in. O.D.	HPS/R	28	III	\$535	\$335	\$87
below adjunct cooker	00-356495	30%	pipe covering	OMA	55 ft.	6 in. O.D.	HPS/R	28	III	\$714	\$446	\$1,16
below adjunct cooker	00-356495	30%	pipe covering	OMA	60 ft.	4 in. O.D.	HPS/R	28	III	\$535	\$335	\$87
behind caustic tank-against south wall	00-356495	30%	pipe covering	OMA	16 ft.	8 in. O.D.	HPS/R	28	III	\$226	\$162	\$38
behind caustic tank-against south wall	00-356499	20%	wrapped cardboard/paper pipe	OMA	8 ft.	8 in. O.D.	HPS/R	28	III	\$113	\$81	\$19
center E to W along beam-near ceiling	00-356603	30%	pipe covering	OMA	90 ft.	6 in. O.D.	PL	28	III	\$1,168	\$730	\$1,89
east side-mash filter-near floor	00-356603	30%	pipe covering	OMA	6 ft.	6 in. O.D.	PL	28	III	\$78	\$49	\$12
east side-mash filter-near floor	00-356603	30%	pipe covering	OMA	6 ft.	4 in. O.D.	PL	28	III	\$54	\$33	\$8
east wall-near adjunct cooker-at floor	00-356603	30%	pipe covering	OMA	4 ft.	10 in. O.D.	PL	28	III	\$75	\$56	\$13
below adjunct, convertor & mash tub tanks	00-356603	30%	pipe covering	OMA	60 ft.	10 in. O.D.	PL	28	III	\$1,132	\$838	\$1,97
east wall-near adjunct cooker-at floor	00-356603	30%	pipe covering	OMA	22 ft.	6 in. O.D.	PL	28	III	\$286	\$178	\$44
convertor tank	07-356483	35%	boiler/tank insulation	OMB	600 sq.ft.			28	III	\$16,950	\$13,578	\$30,52
	07-356484	40%						28	III			
	07-356485	40%						28	III			
adjunct cooker	08-356486	40%	boiler/tank insulation	OMB	600 sq.ft.			28	III	\$16,950	\$13,578	\$30,52
	08-356487	40%						28	III			
	08-356488	40%						28	III			
mash tub	09-356489	50%	boiler/tank insulation	OMB	600 sq.ft.			28	III	\$16,950	\$13,578	\$30,52
	09-356490	50%						28	III			

H-K Building 21
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 21/22
 Building Name: BREWHOUSE/STOCK CELLARS
 SEATTLE, WASHINGTON
 Building Type: BREW/STOCK
 Year Constructed: 1948

3080

caustic tank	09-356491	0X					28 III			
	10-356492	50X	boiler/tank insulation	OMB	500 sq.ft.		28 III	\$14,125	\$11,315	\$25,440
	10-356493	50X					28 III			
	10-356494	50X					28 III			
below adjunct cooker	11-356496	40X	mjp on pipe covering	OMA	25 6 in. O.D.	HPS/R	28 III	\$967	\$568	\$1,531
below convertor tank	11-356496	40X	mjp on pipe covering	OMA	35 4 in. O.D.	HPS/R	28 III	\$983	\$546	\$1,529
just northeast of caustic tank	11-356496	40X	mjp on pipe covering	OMA	2 6 in. O.D.	HPS/R	28 III	\$77	\$45	\$122
below mash tub	11-356496	40X	mjp on pipe covering	OMA	30 4 in. O.D.	HPS/R	28 III	\$843	\$468	\$1,311
below adjunct cooker	11-356496	40X	mjp on pipe covering	OMA	6 10 in. O.D.	HPS/R	28 III	\$376	\$235	\$611
just northeast of caustic tank	11-356496	40X	mjp on pipe covering	OMA	8 4 in. O.D.	HPS/R	28 III	\$225	\$125	\$350
below adjunct cooker	11-356496	40X	mjp on pipe covering	OMA	27 4 in. O.D.	HPS/R	28 III	\$758	\$421	\$1,179
south of mash filter	11-356496	40X	mjp on pipe covering	OMA	2 8 in. O.D.	HPS/R	28 III	\$96	\$57	\$153
below convertor tank	11-356496	40X	mjp on pipe covering	OMA	5 6 in. O.D.	HPS/R	28 III	\$193	\$114	\$307
below mash tub	11-356496	40X	mjp on pipe covering	OMA	14 6 in. O.D.	HPS/R	28 III	\$542	\$318	\$860
	11-356497	50X					28 III			
	11-356498	50X					28 III			
below adjunct, convertor & mash tub tanks	21-356604	60X	mjp on pipe covering	OMA	10 10 in. O.D.	PL	28 III	\$626	\$391	\$1,017
center E to W-along beam-near ceiling	21-356604	60X	mjp on pipe covering	OMA	10 6 in. O.D.	PL	28 III	\$387	\$227	\$614
east wall-near adjunct cooker-at floor	21-356604	60X	mjp on pipe covering	OMA	6 6 in. O.D.	PL	28 III	\$232	\$136	\$368
east wall-near adjunct cooker-at floor	21-356604	60X	mjp on pipe covering	OMA	2 10 in. O.D.	PL	28 III	\$125	\$78	\$203
	21-356605	60X					28 III			
	21-356606	60X					28 III			

AREA COMMENTS

The materials are in fair condition with localized contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 04 TOTAL \$78,521 \$60,463 \$138,984

***** AREA NUMBER: 05

AREA DESCRIPTION: 3rd Floor-Part #21-Tank Top Room

AREA AVERAGE % ASBESTOS: 30X

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north wall-by adjunct cooker	00-356495	30X	pipe covering	OMA	15 ft.	4 in. O.D.	HPS/R	27 III		\$134	\$84	\$218
north wall-by adjunct cooker	00-356495	30X	pipe covering	OMA	10 ft.	8 in. O.D.	HPS/R	27 III		\$141	\$101	\$242
north wall-by adjunct cooker	00-356495	30X	pipe covering	OMA	10 ft.	12 in. O.D.	HPS/R	27 III		\$220	\$169	\$389
south wall-behind caustic tank	00-356495	30X	pipe covering	OMA	30 ft.	6 in. O.D.	HPS/R	27 III		\$389	\$243	\$632
south wall-behind caustic tank	00-356495	30X	pipe covering	OMA	10 ft.	4 in. O.D.	HPS/R	27 III		\$89	\$56	\$145
south wall-behind caustic tank	00-356495	30X	pipe covering	OMA	20 ft.	10 in. O.D.	HPS/R	27 III		\$377	\$279	\$656
south wall-behind caustic tank	00-356499	20X	wrapped cardboard/paper pipe	OMA	10 ft.	10 in. O.D.	HPS/R	27 III		\$189	\$140	\$329
next to mash tub	00-356603	30X	pipe covering	OMA	22 ft.	6 in. O.D.	PL	27 III		\$286	\$178	\$464
next to adjunct cooker	00-356603	30X	pipe covering	OMA	27 ft.	6 in. O.D.	PL	27 III		\$350	\$219	\$569
next to convertor tank	00-356603	30X	pipe covering	OMA	12 ft.	6 in. O.D.	PL	27 III		\$156	\$97	\$253
next to adjunct cooker	00-356603	30X	pipe covering	OMA	25 ft.	8 in. O.D.	PL	27 III		\$354	\$253	\$607

H-K Building #21
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/21/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 21/22
 Building Name: BREWHOUSE/STOCK CELLARS
 SEATTLE, WASHINGTON
 Building Type: BREW/STOCK
 Year Constructed: 1948

next to adjunct cooker	00-356603	30%	pipe covering	OMA	12 ft. 4 in. O.D. PL	27 III	\$107	\$67	\$174
next to mash tub	00-356603	30%	pipe covering	OMA	40 ft. 4 in. O.D. PL	27 III	\$357	\$223	\$580
next to mash tub	00-356603	30%	pipe covering	OMA	7 ft. 8 in. O.D. PL	27 III	\$99	\$71	\$170
next to convertor tank	00-356603	30%	pipe covering	OMA	12 ft. 8 in. O.D. PL	27 III	\$170	\$121	\$291
next to convertor tank	00-356603	30%	pipe covering	OMA	12 ft. 4 in. O.D. PL	27 III	\$107	\$67	\$174
north wall-by adjunct cooker	11-356496	40%	mjp on pipe covering	OMA	5 4 in. O.D.	HPS/R 27 III	\$140	\$78	\$218
south wall-behind caustic tank	11-356496	40%	mjp on pipe covering	OMA	2 4 in. O.D.	HPS/R 27 III	\$56	\$31	\$87
south wall-behind caustic tank	11-356496	40%	mjp on pipe covering	OMA	6 10 in. O.D.	HPS/R 27 III	\$376	\$235	\$611
north wall-by adjunct cooker	11-356496	40%	mjp on pipe covering	OMA	1 8 in. O.D.	HPS/R 27 III	\$48	\$28	\$76
south wall-behind caustic tank	11-356496	40%	mjp on pipe covering	OMA	2 6 in. O.D.	HPS/R 27 III	\$77	\$45	\$122
	11-356497	50%				27 III			
	11-356498	50%				27 III			
south wall-behind caustic tank	20-356600	70%	mjp on wrapped cardboard/paper	OMA	6 10 in. O.D.	HPS/R 27 III	\$376	\$235	\$611
	20-356601	60%				27 III			
	20-356602	0%				27 III			
next to mash tub	21-356604	60%	mjp on pipe covering	OMA	6 8 in. O.D.	PL 27 III	\$289	\$170	\$459
next to convertor tank	21-356604	60%	mjp on pipe covering	OMA	4 8 in. O.D.	PL 27 III	\$193	\$113	\$306
next to adjunct cooker	21-356604	60%	mjp on pipe covering	OMA	6 4 in. O.D.	PL 27 III	\$169	\$94	\$263
next to adjunct cooker	21-356604	60%	mjp on pipe covering	OMA	8 8 in. O.D.	PL 27 III	\$385	\$226	\$611
next to mash tub	21-356604	60%	mjp on pipe covering	OMA	8 6 in. O.D.	PL 27 III	\$309	\$182	\$491
next to convertor tank	21-356604	60%	mjp on pipe covering	OMA	2 4 in. O.D.	PL 27 III	\$56	\$31	\$87
next to adjunct cooker	21-356604	60%	mjp on pipe covering	OMA	12 6 in. O.D.	PL 27 III	\$464	\$273	\$737
next to mash tub	21-356604	60%	mjp on pipe covering	OMA	12 4 in. O.D.	PL 27 III	\$337	\$187	\$524
next to convertor tank	21-356604	60%	mjp on pipe covering	OMA	4 6 in. O.D.	PL 27 III	\$155	\$91	\$246
	21-356605	60%				27 III			
	21-356606	60%				27 III			

AREA COMMENTS

The materials are in good condition with minor contact damage. The materials are approximately 1' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 05 TOTAL \$6,955 \$4,387 \$11,342

***** AREA NUMBER: 06

AREA DESCRIPTION: 4th Floor-Part #21-Grain Hopper Room

AREA AVERAGE % ASBESTOS: 42%

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
along south & east walls	00-356608	50%	pipe covering	OMA	4 ft. 4 in.	O.D. HPS/R	27 III			\$36	\$22	\$58
along south & east walls	00-356608	50%	pipe covering	OMA	22 ft. 6 in.	O.D. HPS/R	27 III			\$286	\$178	\$464
along south & east walls	00-356608	50%	pipe covering	OMA	100 ft. 12 in.	O.D. HPS/R	27 III			\$2,202	\$1,693	\$3,895
closet next to south doorway-at ceiling	00-356608	50%	pipe covering	OMA	5 ft. 6 in.	O.D. HPS/R	27 III			\$65	\$41	\$106
closet west of elevator	00-356608	50%	pipe covering	OMA	10 ft. 6 in.	O.D. HPS/R	27 III			\$130	\$81	\$211
south wall-above exit & elevator	00-356608	50%	pipe covering	OMA	20 ft. 6 in.	O.D. HPS/R	27 III			\$260	\$162	\$422
east center area-next to east wall	00-356612	0%	wrapped cardboard/paper pipe	OMA	24 ft. 6 in.	O.D. DW						
along south & east walls	00-356730	40%	pipe covering	OMA	90 ft. 12 in.	O.D. DW	27 III			\$1,982	\$1,524	\$3,506

HALL-KIMBRELL ENVIRONMENTAL INC.

Page 49

06/09/89

RCLLC 0002027

ASBESTOS ASSESSMENT SURVEY

H-K Building #21
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/21/89
Inspector: TIM SWARTZ

Building Number: 21/22
Building Name: BREWHOUSE/STOCK CELLARS
SEATTLE, WASHINGTON
Building Type: BREW/STOCK
Year Constructed: 1948

along south & east walls	19-356731	50%	mjp on pipe covering	OMA	4 12 in. O.D.	DW	27 III	\$303	\$190	\$493
	19-356732	40%					27 III			
	19-356733	45%					27 III			
along south & east walls	22-356609	0%	mjp on pipe covering	OMA	6 6 in. O.D.	HPS/R	27 III	\$232	\$136	\$368
along south & east walls	22-356609	0%	mjp on pipe covering	OMA	4 12 in. O.D.	HPS/R	27 III	\$303	\$190	\$493
	22-356610	60%					27 III			
	22-356611	10%					27 III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 16' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 06 TOTAL \$5,799 \$4,217 \$10,016

***** AREA NUMBER: 07

AREA DESCRIPTION: 5th Floor-Part #21

AREA AVERAGE % ASBESTOS: 43%

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
southwest area-by scales	00-356613	60%	pipe covering	OMA	8 ft. 4 in.	O.D. HPS/R	27 III		\$71	\$45	\$116
southeast corner	00-356617	10%	wrapped cardboard/paper pipe	OMA	12 ft. 6 in.	O.D. DW	27 III		\$156	\$97	\$253
southwest area-by scales	23-356614	60%	mjp on pipe covering	OMA	2 4 in.	O.D. HPS/R	27 III		\$56	\$31	\$87
	23-356615	60%					27 III				
	23-356616	60%					27 III				
southeast corner	24-356618	60%	mjp on wrapped cardboard/paper	OMA	2 6 in.	O.D. DW	27 III		\$77	\$45	\$122
	24-356619	60%					27 III				
	24-356620	60%					27 III				

AREA COMMENTS

The materials are in good condition with minor contact and water damage. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 07 TOTAL \$360 \$218 \$578

***** AREA NUMBER: 08

AREA DESCRIPTION: Ground Floor

AREA AVERAGE % ASBESTOS: 4%

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
spent grain room-south wall	03-356469	0%	pipe covering	OMA	15 ft. 12 in.	O.D. RS/R	12 IV		\$330	\$254	\$584
south stairwell-at ceiling	03-356469	0%	pipe covering	OMA	6 ft. 12 in.	O.D. RS/R	12 IV		\$132	\$102	\$234
stock cellar H-against east wall	03-356469	0%	pipe covering	OMA	40 ft. 12 in.	O.D. RS/R	12 IV		\$881	\$677	\$1,558
	03-356470	5%					12 IV				

ASBESTOS ASSESSMENT SURVEY

H-K Building # 21
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/21/89
Inspector: TIM SWARTZ

Building Number: 21/22
Building Name: BREWHOUSE/STOCK CELLARS
SEATTLE, WASHINGTON
Building Type: BREW/STOCK
Year Constructed: 1948

03-356471	6%	12 IV
-----------	----	-------

AREA COMMENTS

AREA # 08 TOTAL \$1,343 \$1,033 \$2,376

The material is in good condition. The material is approximately 9' from the floor. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

*****	AREA NUMBER: 09	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: X	*****
-------	-----------------	-----------------------------	----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north brew kettle	00-999999	X	boiler/tank insulation	OMB	180 sq.ft.					\$5,085	\$4,073	\$9,158
south brew kettle	00-999999	X	boiler/tank insulation	OMB	180 sq.ft.					\$5,085	\$4,073	\$9,158
mezzanine level-whirlpool tank	00-999999	X	boiler/tank insulation	OMB	630 sq.ft.					\$17,798	\$14,257	\$32,055

AREA COMMENTS

AREA # 09 TOTAL \$27,968 \$22,403 \$50,371

The material has a metal covering, making sample collection impossible. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area. This material has a stainless steel covering.

*****	AREA NUMBER: 10	AREA DESCRIPTION: 3rd Floor-Tank Top Room	AREA AVERAGE % ASBESTOS: X	*****
-------	-----------------	---	----------------------------	-------

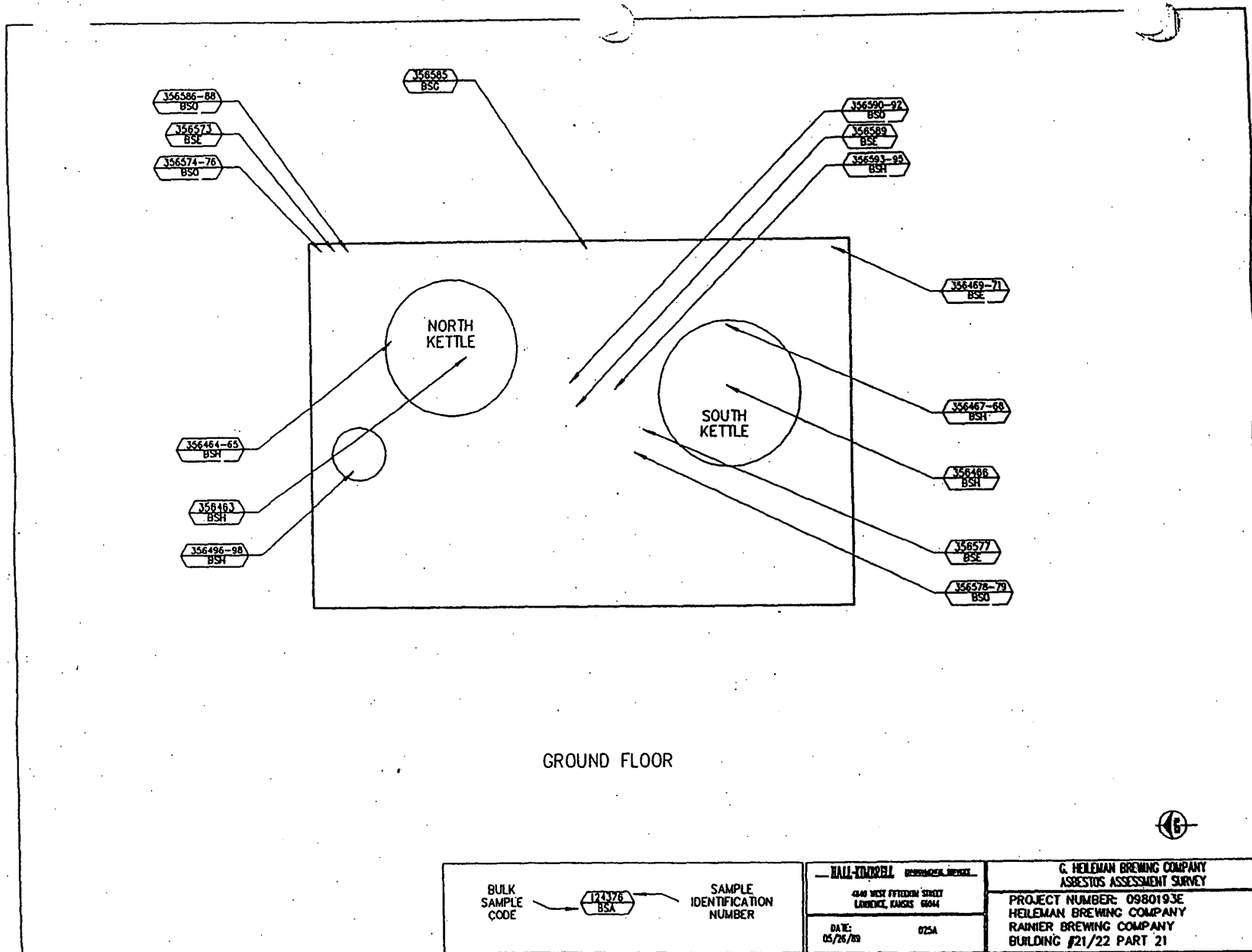
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
mash tub	00-999999	X	boiler/tank insulation	OMB	152 sq.ft.					\$4,294	\$3,440	\$7,734
adjunct cooker	00-999999	X	boiler/tank insulation	OMB	152 sq.ft.					\$4,294	\$3,440	\$7,734
converter tank	00-999999	X	boiler/tank insulation	OMB	152 sq.ft.					\$4,294	\$3,440	\$7,734
caustic tank	00-999999	X	boiler/tank insulation	OMB	152 sq.ft.					\$4,294	\$3,440	\$7,734

AREA COMMENTS

AREA # 10 TOTAL \$17,176 \$13,760 \$30,936

The material has a metal covering, making sample collection impossible. At a minimum, it is recommended that the material be maintained and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

BUILDING # 21 TOTAL \$231,255 \$176,138 \$407,393



356587-B4
BSO

356581
BSO

356580
BSO

EXTERIOR
SPENT GRAIN ROOM

CATWALK

GROUND FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-KIMBELL ENGINEERING SURVELL

4340 WEST FIFTEENTH STREET
LAWRENCE, KANSAS 66044

DATE:
05/26/89

075A1

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #21/22 PART 21

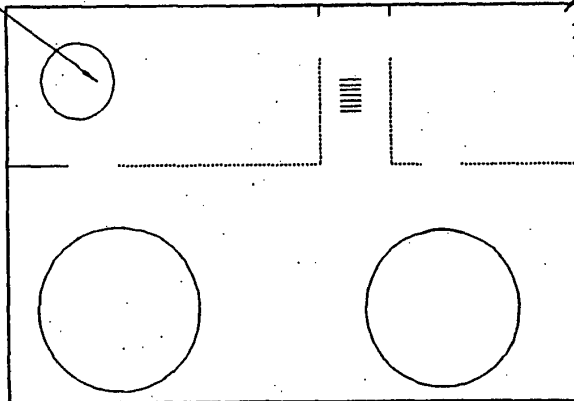
356480-82
BSH

356477-73
BSQ

356478
BSQ

356472
BSQ

356473-75
BSQ



SECOND FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-KORRELL LABORATORY SERVICE

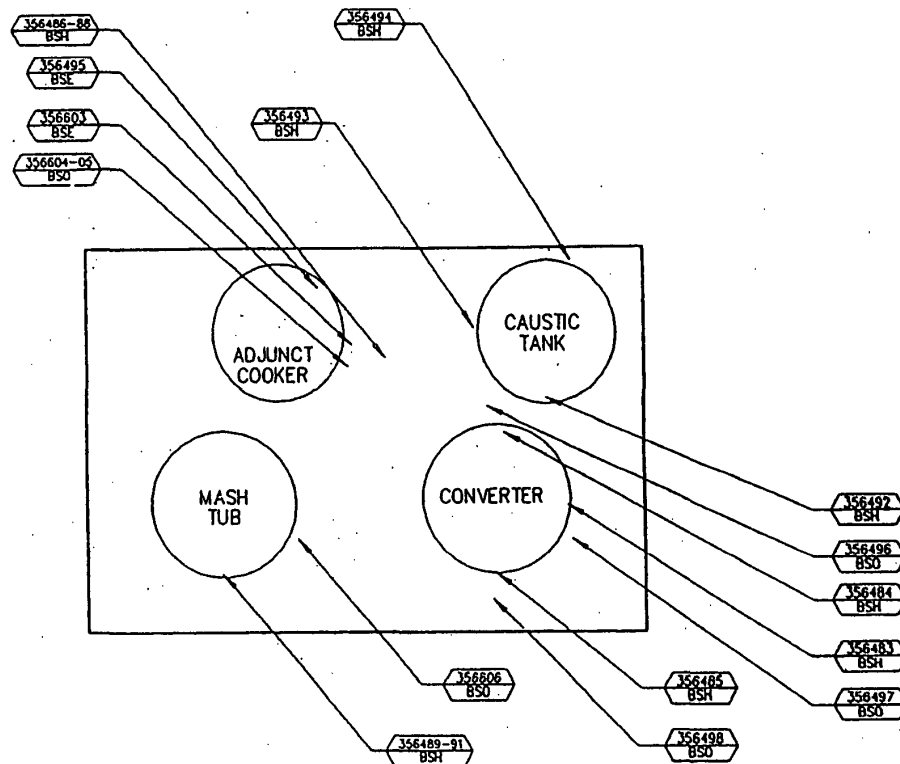
4240 WEST 97TH STREET
LAWRENCE, KANSAS 66044

DATE:
05/26/89

0758

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

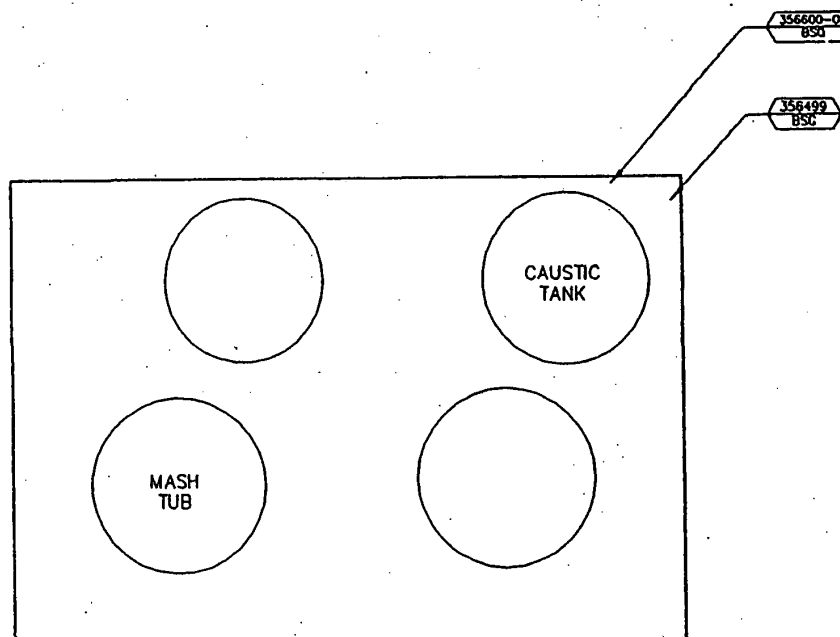
PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #21/22



THIRD FLOOR



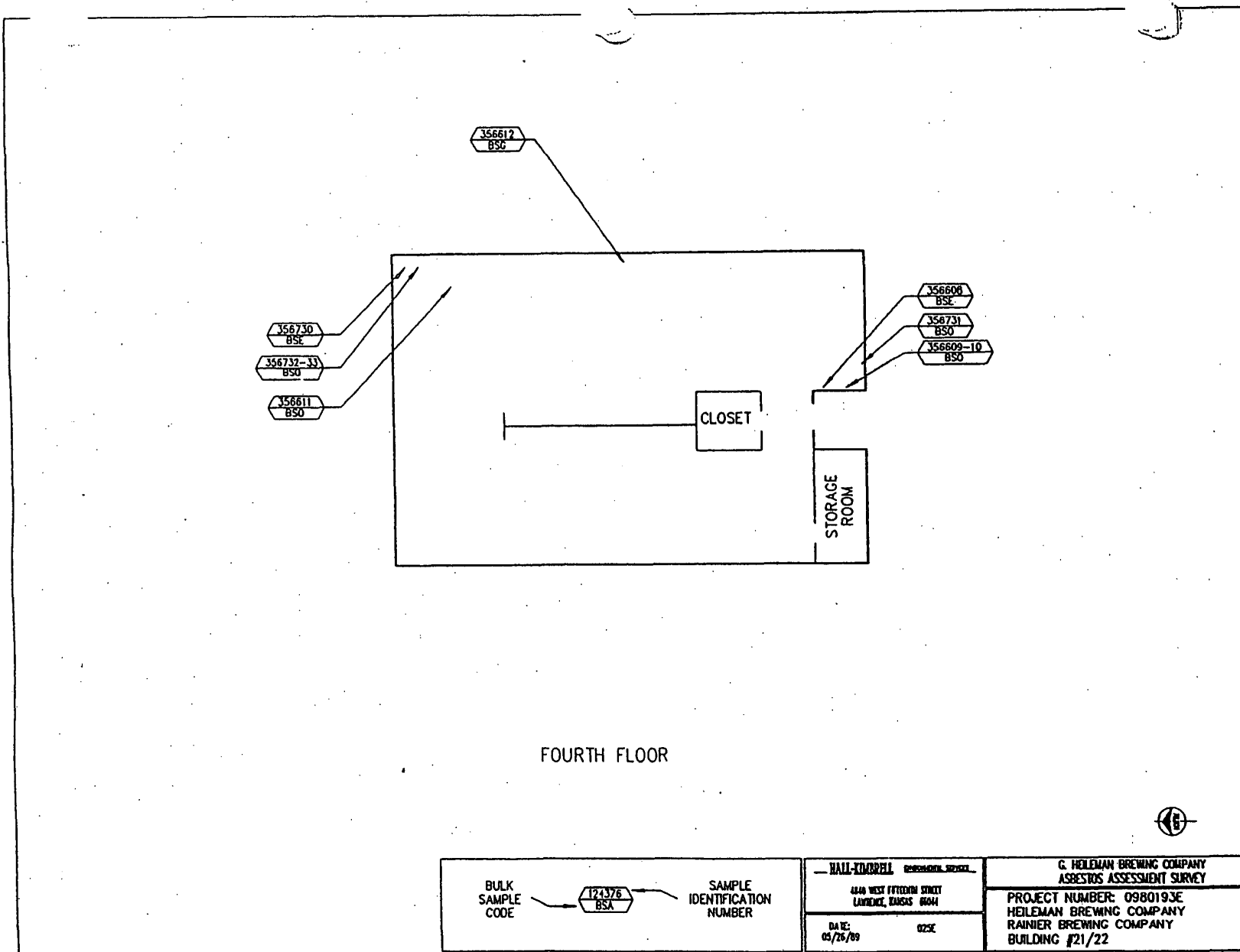
BULK SAMPLE CODE → 124376 BSA	SAMPLE IDENTIFICATION NUMBER	WALL-MOORELL ENGINEERING SERVICE 4148 WEST FIFTEENTH STREET LAWRENCE, KANSAS 66044	G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
		DATE: 05/26/89	025C PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #21/22 PART 21

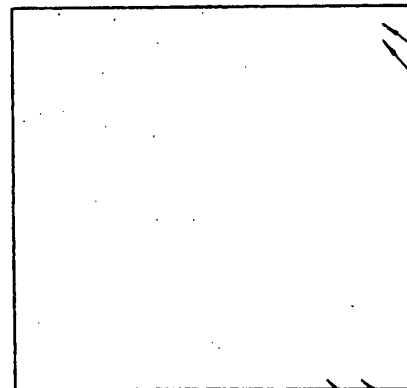


THIRD FLOOR/TOP OF TANK ROOM



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-KIMPEL, GREENHORN SERVICE		C. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			4840 WEST FIFTEENTH STREET LAWRENCE, KANSAS 66044		
DATE: 05/26/89			0230		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #21/22-PART 21





356617
BSG

356618-20
BSG

356613
BSG

356614-16
BSG

FIFTH FLOOR



BULK SAMPLE CODE		SAMPLE IDENTIFICATION NUMBER	HALL-KIMBRELL ENGINEERING SERVICE		G. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			4440 WEST FIFTH AVENUE STREET LAURENCE, KANSAS 66044		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #21/22 PART 21	
			DATE: 05/26/89	015F		

ASBESTOS ASSESSMENT SURVEY

H-K Building 24
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/23/89
 Inspector: CURT BAXTER

Building Number: 24
 Building Name: CORPORATE OFFICE BUILDING
 SEATTLE, WASHINGTON
 Building Type: OFFICE
 Year Constructed: 1954

*****	AREA NUMBER: 01	AREA DESCRIPTION: Basement-Storage Area	AREA AVERAGE % ASBESTOS: 78%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
along west wall-at ceiling	00-356100	80%	pipe covering	OHA	16 ft. 4 in.	O.D. LPS/R	32	III		\$143	\$89	\$232
along west wall-at ceiling	00-356100	80%	pipe covering	OHA	40 ft. 6 in.	O.D. LPS/R	32	III		\$519	\$324	\$843
along west wall-at ceiling	01-356101	75%	mjp on pipe covering	OHA	16 4 in. O.D.	LPS/R	32	III		\$449	\$250	\$699
along west wall-at ceiling	01-356101	75%	mjp on pipe covering	OHA	4 6 in. O.D.	LPS/R	32	III		\$155	\$91	\$246
	01-356102	80%							32 III			
	01-356103	70%							32 III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 6' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 01 TOTAL \$1,266 \$754 \$2,020

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	-----------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
marketing area	02-356104	0%	acoustical tile	OMG	490	sq.ft.						
vice president of sales	02-356104	0%	acoustical tile	OMG	224	sq.ft.						
administrative assistant's office	02-356104	0%	acoustical tile	OMG	224	sq.ft.						
group director of sales	02-356104	0%	acoustical tile	OMG	224	sq.ft.						
plant manager's office	02-356104	0%	acoustical tile	OMG	224	sq.ft.						
	02-356105	0%										
	02-356106	0%										

AREA COMMENTS

AREA # 02 TOTAL \$0 \$0 \$

*****	AREA NUMBER: 03	AREA DESCRIPTION: 2nd Floor-Ceiling	AREA AVERAGE % ASBESTOS: 0%	*****
-------	-----------------	-------------------------------------	-----------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
throughout office area	03-356107	0%	acoustical tile	OMG	1680	sq.ft.						
	03-356108	0%										

H-K Building: 24
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/23/89
Inspector: CURT BAXTER

ASBESTOS ASSESSMENT SURVEY

Building Number: 24
Building Name: CORPORATE OFFICE BUILDING
SEATTLE, WASHINGTON
Building Type: OFFICE
Year Constructed: 1954

	03-356109	0%		
--	-----------	----	--	--

AREA COMMENTS

AREA # 03	TOTAL	\$0	\$0	\$0
-----------	-------	-----	-----	-----

BUILDING # 24	TOTAL	\$1,266	\$754	\$2,020
---------------	-------	---------	-------	---------

356103
BSO

356100
BSE

356101
BSO

356102
BSO

356104-D6
BSL

FIRST FLOOR/BASEMENT/CRAWL SPACE



BULK
SAMPLE
CODE

124378
BSA

SAMPLE
IDENTIFICATION
NUMBER

— RAIL-TIMBERL ENGINEERING SERVICE —

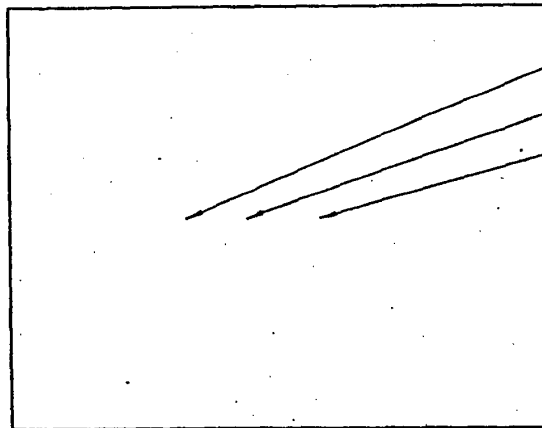
4848 WEST FIFTEENTH STREET
LAURENCE, KANSAS 66044

DATE:
05/28/99

026

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #24



356107
BSL

356108
BSL

356109
BSL

SECOND FLOOR

BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

RAIL-KIMBLE - REMANUFACTURED WOOD

4040 WEST FIFTEEN STREET
LAWRENCE, KANSAS 66044

DATE:
05/26/89

027

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #24

H-K Building -25
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESSMENT SURVEY

Building Number: 25
 Building Name: FERMENTATION
 SEATTLE, WASHINGTON
 Building Type: BEER FERM.
 Year Constructed: 1958

***** AREA NUMBER: 01			AREA DESCRIPTION: Basement-Tank Room			AREA AVERAGE % ASBESTOS: 41%			*****			
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
along north wall	00-356408	60%	pipe covering	OMA	28 ft. 6 in.	O.D. HPS/R	28	III		\$363	\$227	\$590
along south wall	00-356408	60%	pipe covering	OMA	55 ft. 4 in.	O.D. HPS/R	28	III		\$491	\$307	\$798
along south wall	00-356408	60%	pipe covering	OMA	8 ft. 6 in.	O.D. HPS/R	28	III		\$104	\$65	\$169
along north wall	00-356408	60%	pipe covering	OMA	65 ft. 4 in.	O.D. HPS/R	28	III		\$580	\$363	\$943
southwest area-above air handling unit	00-356408	60%	pipe covering	OMA	25 ft. 4 in.	O.D. HPS/R	28	III		\$223	\$139	\$362
along west wall	00-356408	60%	pipe covering	OMA	110 ft. 4 in.	O.D. HPS/R	28	III		\$981	\$614	\$1,595
crawl space-in north wall-near ceiling	00-356408	60%	pipe covering	OMA	5 ft. 4 in.	O.D. HPS/R	28	III		\$45	\$28	\$73
south center area-by convertor	00-356408	60%	pipe covering	OMA	46 ft. 4 in.	O.D. HPS/R	28	III		\$410	\$257	\$667
NE center area-above yeast retainers	00-356408	60%	pipe covering	OMA	16 ft. 4 in.	O.D. HPS/R	28	III		\$143	\$89	\$232
northeast area-by chilled water tank	00-356408	60%	pipe covering	OMA	10 ft. 6 in.	O.D. HPS/R	28	III		\$130	\$81	\$211
by northeast concrete column	00-356408	60%	pipe covering	OMA	60 ft. 4 in.	O.D. HPS/R	28	III		\$89	\$56	\$145
northeast area-by chilled water tank	00-356408	60%	pipe covering	OMA	12 ft. 4 in.	O.D. HPS/R	28	III		\$107	\$67	\$174
north wall-northeast area	00-356415	10%	wrapped cardboard/paper pipe	OMA	32 ft. 4 in.	O.D. DW	28	III		\$285	\$179	\$464
north wall-northeast area	00-356415	10%	wrapped cardboard/paper pipe	OMA	3 ft. 8 in.	O.D. DW	28	III		\$42	\$30	\$72
center-running north & south-at ceiling	00-356415	10%	wrapped cardboard/paper pipe	OMA	20 ft. 6 in.	O.D. DW	28	III		\$260	\$162	\$422
north wall-northeast area	00-356415	10%	wrapped cardboard/paper pipe	OMA	6 ft. 6 in.	O.D. DW	28	III		\$78	\$49	\$127
center-running north & south-at ceiling	00-356415	10%	wrapped cardboard/paper pipe	OMA	95 ft. 4 in.	O.D. DW	28	III		\$847	\$530	\$1,377
NW center area-above yeast retainers	00-356415	10%	wrapped cardboard/paper pipe	OMA	48 ft. 4 in.	O.D. DW	28	III		\$428	\$268	\$696
along north & west walls	02-356404	0%	mjp on non-suspect pipe cover	OMA	15 4 in.	O.D. DW						
	02-356405	0%										
	02-356406	0%										
along north wall	03-356409	60%	mjp on pipe covering	OMA	13 6 in.	O.D. HPS/R	28	III		\$503	\$295	\$798
crawl space-in north wall-near ceiling	03-356409	60%	mjp on pipe covering	OMA	1 4 in.	O.D. HPS/R	28	III		\$28	\$16	\$44
southwest area-above air handling unit	03-356409	60%	mjp on pipe covering	OMA	3 4 in.	O.D. HPS/R	28	III		\$84	\$47	\$131
along north wall	03-356409	60%	mjp on pipe covering	OMA	16 4 in.	O.D. HPS/R	28	III		\$449	\$250	\$699
along south wall	03-356409	60%	mjp on pipe covering	OMA	4 6 in.	O.D. HPS/R	28	III		\$155	\$91	\$246
along south wall	03-356409	60%	mjp on pipe covering	OMA	20 4 in.	O.D. HPS/R	28	III		\$562	\$312	\$874
along west wall	03-356409	60%	mjp on pipe covering	OMA	6 4 in.	O.D. HPS/R	28	III		\$169	\$94	\$263
by northeast concrete column	03-356409	60%	mjp on pipe covering	OMA	2 4 in.	O.D. HPS/R	28	III		\$56	\$31	\$87
NE center area-above yeast retainers	03-356409	60%	mjp on pipe covering	OMA	3 4 in.	O.D. HPS/R	28	III		\$84	\$47	\$131
northeast area-by chilled water tank	03-356409	60%	mjp on pipe covering	OMA	2 6 in.	O.D. HPS/R	28	III		\$77	\$45	\$122
northeast area-by chilled water tank	03-356409	60%	mjp on pipe covering	OMA	3 4 in.	O.D. HPS/R	28	III		\$84	\$47	\$131
south center area-by convertor	03-356409	60%	mjp on pipe covering	OMA	14 4 in.	O.D. HPS/R	28	III		\$393	\$219	\$612
	03-356410	40%					28	III				
	03-356411	50%					28	III				
south center area-convertor tank-by AHU	04-356412	50%	boiler/tank insulation	OMB	11 sq.ft.		28	III		\$311	\$249	\$560
	04-356413	50%					28	III				
	04-356414	50%					28	III				
north wall-northeast area	05-356416	40%	mjp on wrapped cardboard/paper	OMA	2 8 in.	O.D. DW	28	III		\$96	\$57	\$153
center-running north & south-at ceiling	05-356416	40%	mjp on wrapped cardboard/paper	OMA	10 6 in.	O.D. DW	28	III		\$387	\$227	\$614
north wall-northeast area	05-356416	40%	mjp on wrapped cardboard/paper	OMA	12 4 in.	O.D. DW	28	III		\$337	\$187	\$524

H-K Building #25
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: TIM SWARTZ

ASBESTOS ASSESMENT SURVEY

Building Number: 25
 Building Name: FERMENTATION
 SEATTLE, WASHINGTON
 Building Type: BEER FERM.
 Year Constructed: 1958

north wall-northeast area	05-356416	40%	mjp on wrapped cardboard/paper	OMA	3 6 in. O.D.	DW	28 III	\$116	\$68	\$184
center-running north & south-at ceiling	05-356416	40%	mjp on wrapped cardboard/paper	OMA	15 4 in. O.D.	DW	28 III	\$421	\$234	\$655
NW center area-above yeast retainers	05-356416	40%	wrapped cardboard/paper pipe	OMA	16 ft. 4 in. O.D.	DW	28 III	\$143	\$89	\$232
	05-356417	50%					28 III			
	05-356418	50%					28 III			
SE area-above refrigeration tanks	06-356419	20%	mjp on non-suspect pipe cover	OMA	6 4 in. O.D.	DR	28 III	\$169	\$94	\$263
	06-356420	50%					28 III			
	06-356421	50%					28 III			

AREA COMMENTS

The materials are in fair to good condition with minor contact and water damage. The materials are approximately 1' to 16' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, extensive gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$10,230 \$6,210 \$16,440

***** AREA NUMBER: 02			AREA DESCRIPTION: Basement				AREA AVERAGE % ASBESTOS: 3%				*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
tank room-running N & S-at center of rm east of elevator	07-356422	2%	cork pipe covering	OMA	25 ft. 8 in.	O.D. RS/R	12 IV	12 IV		\$354	\$253	\$60	
	07-356422	2%	cork pipe covering	OMA	10 ft. 12 in.	O.D. RS/R	12 IV	12 IV		\$220	\$169	\$38	
tank room-SE area-above ammonia tanks	07-356422	2%	cork pipe covering	OMA	30 ft. 8 in.	O.D. RS/R	12 IV	12 IV		\$424	\$303	\$72	
	07-356423	2%					12 IV	12 IV					
	07-356424	5%					12 IV	12 IV					

AREA COMMENTS

The material is in good condition with minor contact and water damage. The material is approximately 10' from the floor. At a minimum, it is recommended that the material be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$998 \$725 \$1,723

***** AREA NUMBER: 03			AREA DESCRIPTION: 1st Floor-Above Permanent Ceiling				AREA AVERAGE % ASBESTOS: 28%				*****		
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&H CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS	
restroom	00-356400	10%	wrapped cardboard/paper pipe	OMA	7 ft. 4 in.	O.D. DW	17 IV	17 IV		\$62	\$39	\$1	
restroom	00-356400	10%	wrapped cardboard/paper pipe	OMA	7 ft. 8 in.	O.D. DW	17 IV	17 IV		\$99	\$71	\$1	
restroom	00-356407	50%	pipe covering	OMA	7 ft. 6 in.	O.D. HPS/R	17 IV	17 IV		\$91	\$57	\$1	
restroom	01-356401	40%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D. DW	17 IV	17 IV		\$28	\$16	\$1	
restroom	01-356401	40%	mjp on wrapped cardboard/paper	OMA	2 8 in.	O.D. DW	17 IV	17 IV		\$96	\$57	\$1	
	01-356402	40%					17 IV	17 IV					

ASBESTOS ASSES SURVEY

H-K Building #25
 Project Number: 0980193E
 Project: G. HEILEMAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: TIM SWARTZ

Building Number: 25
 Building Name: FERMENTATION
 SEATTLE, WASHINGTON
 Building Type: BEER FERM.
 Year Constructed: 1958

	01-356403	40%	17 IV	
--	-----------	-----	-------	--

AREA COMMENTS

AREA # 03 TOTAL \$376 \$240 \$616

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 7' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, localized glove bag removal procedures are recommended. This appears to be a low traffic area.

*****	AREA NUMBER: 04	AREA DESCRIPTION: 2nd Floor-Above Permanent Ceiling	AREA AVERAGE % ASBESTOS: 22%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
restroom	00-356425	10%	wrapped cardboard/paper pipe	OMA	20 ft.	4 in. O.D.	DW	17	IV	\$178	\$112	\$290
restroom	00-356425	10%	wrapped cardboard/paper pipe	OMA	7 ft.	8 in. O.D.	DW	17	IV	\$99	\$71	\$170
restroom	00-356429	35%	pipe covering	OMA	7 ft.	6 in. O.D.	HPS/R	17	IV	\$91	\$57	\$148
restroom	08-356426	35%	mjp on wrapped cardboard/paper	OMA	3	8 in. O.D.	DW	17	IV	\$144	\$85	\$229
restroom	08-356426	35%	mjp on wrapped cardboard/paper	OMA	7	4 in. O.D.	DW	17	IV	\$197	\$109	\$306
	08-356427	32%						17	IV			
	08-356428	30%						17	IV			

AREA COMMENTS

AREA # 04 TOTAL \$709 \$434 \$1,143

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 7' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, localized glove bag removal procedures are recommended. This appears to be a low traffic area.

*****	AREA NUMBER: 05	AREA DESCRIPTION: 3rd Floor-Above Permanent Ceiling	AREA AVERAGE % ASBESTOS: 22%	*****
-------	-----------------	---	------------------------------	-------

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
restroom	00-356430	10%	wrapped cardboard/paper pipe	OMA	20 ft.	4 in. O.D.	DW	17	IV	\$178	\$112	\$290
restroom	00-356430	10%	wrapped cardboard/paper pipe	OMA	7 ft.	8 in. O.D.	DW	17	IV	\$99	\$71	\$170
restroom	00-356434	35%	pipe covering	OMA	7 ft.	6 in. O.D.	HPS/R	17	IV	\$91	\$57	\$148
restroom	09-356431	33%	mjp on wrapped cardboard/paper	OMA	7	4 in. O.D.	DW	17	IV	\$197	\$109	\$306
restroom	09-356431	33%	mjp on wrapped cardboard/paper	OMA	3	8 in. O.D.	DW	17	IV	\$144	\$85	\$229
	09-356432	20%						17	IV			
	09-356433	40%						17	IV			

ASBESTOS ASSE. SURVEY

H-K Building 25
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/27/89
Inspector: TIM SWARTZ

Building Number: 25
Building Name: FERMENTATION
SEATTLE, WASHINGTON
Building Type: BEER FERM.
Year Constructed: 1958

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 10' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 05 TOTAL \$709 \$434 \$1,143

***** AREA NUMBER: 06 AREA DESCRIPTION: 4th Floor-Above Permanent Ceiling AREA AVERAGE % ASBESTOS: 33% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
Janitor's closet	00-356435	10%	wrapped cardboard/paper pipe	OHA	18 ft.	4 in. O.D.	DW	18	IV	\$161	\$100	\$261
Janitor's closet	00-356435	10%	wrapped cardboard/paper pipe	OHA	8 ft.	8 in. O.D.	DW	18	IV	\$113	\$81	\$194
Janitor's closet	00-356439	50%	pipe covering	OHA	10 ft.	4 in. O.D.	HPS/R	18	IV	\$89	\$56	\$145
Janitor's closet	00-356439	50%	pipe covering	OHA	55 ft.	6 in. O.D.	HPS/R	18	IV	\$714	\$446	\$1,160
Janitor's closet	10-356436	20%	mjp on wrapped cardboard/paper	OHA	6 4	in. O.D.	DW	18	IV	\$169	\$94	\$263
Janitor's closet	10-356436	20%	mjp on wrapped cardboard/paper	OHA	3 8	in. O.D.	DW	18	IV	\$144	\$85	\$229
	10-356437	30%						18	IV			
	10-356438	30%						18	IV			
Janitor's closet	11-356440	50%	mjp on pipe covering	OHA	5 4	in. O.D.	HPS/R	18	IV	\$140	\$78	\$218
Janitor's closet	11-356440	50%	mjp on pipe covering	OHA	21 6	in. O.D.	HPS/R	18	IV	\$812	\$477	\$1,289
	11-356441	50%						18	IV			
	11-356442	50%						18	IV			

AREA COMMENTS

The materials are in fair condition with localized contact and water damage. The materials are approximately 1' to 7' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, localized glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 06 TOTAL \$2,342 \$1,417 \$3,759

***** AREA NUMBER: 07 AREA DESCRIPTION: 4th Floor-Above Permanent Ceiling AREA AVERAGE % ASBESTOS: 62% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
Janitor's closet	12-356443	60%	debris	OMF	6 sq.ft.			110	I	\$100	\$0	\$100
	12-356444	70%						110	I			
	12-356445	55%						110	I			

ASBESTOS ASSESSMENT SURVEY

H-K Building 25
 Project Number: 0980193E
 Project: G. HEILEHAN BREWERY "E"
 Date Inspected: 03/27/89
 Inspector: TIM SWARTZ

Building Number: 25
 Building Name: FERMENTATION
 SEATTLE, WASHINGTON
 Building Type: BEER FERM.
 Year Constructed: 1958

AREA COMMENTS

AREA # 07 TOTAL \$100 \$0 \$100

This debris is magnesite pipe covering found on the floor of this area. At a minimum, it is recommended that the debris be removed. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

***** AREA NUMBER: 08 AREA DESCRIPTION: 5th Floor-Hot Wort Tank Room AREA AVERAGE % ASBESTOS: 35% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north wall-near floor	00-356446	50%	pipe covering	OHA	4 ft. 4 in.	O.D. HPS/R	24	III		\$36	\$22	\$58
north wall-near floor	00-356447	30%	pipe covering	OHA	4 ft. 4 in.	O.D. DW	24	III		\$36	\$22	\$58
north wall-near floor	13-356448	40%	mjp on pipe covering	OHA	2 4 in.	O.D. DW	24	III		\$56	\$31	\$87
	13-356449	25%					24	III				
	13-356450	10%					24	III				

AREA COMMENTS

AREA # 08 TOTAL \$128 \$75 \$203

The materials are in good condition with minor contact damage. The materials are up to 4' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, localized glove bag removal procedures are recommended. This appears to be a low traffic area.

***** AREA NUMBER: 09 AREA DESCRIPTION: Basement AREA AVERAGE % ASBESTOS: 30% *****

LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
area east of elevator	00-356408	60%	pipe covering	OHA	18 ft. 4 in.	O.D. HPS/R	25	III		\$161	\$100	\$261
area east of elevator	00-356415	10%	wrapped cardboard/paper pipe	OHA	18 ft. 8 in.	O.D. DW	25	III		\$255	\$182	\$437
area east of elevator	00-356415	10%	wrapped cardboard/paper pipe	OHA	8 ft. 6 in.	O.D. DW	25	III		\$104	\$65	\$169
area east of elevator	00-356415	10%	wrapped cardboard/paper pipe	OHA	25 ft. 4 in.	O.D. DW	25	III		\$223	\$139	\$362
E of elevator-SE corner-above HW heater	00-356737	50%	pipe covering	OHA	8 ft. 4 in.	O.D. DW	25	III		\$71	\$45	\$116
area east of elevator	02-356404	0%	mjp on non-suspect pipe cover	OHA	4 4 in.	O.D. DW						
	02-356405	0%										
	02-356406	0%										
area east of elevator	03-356409	60%	mjp on pipe covering	OHA	8 4 in.	O.D. HPS/R	25	III		\$225	\$125	\$350
	03-356410	40%					25	III				
	03-356411	50%					25	III				
area east of elevator	05-356416	40%	mjp on wrapped cardboard/paper	OHA	6 8 in.	O.D. DW	25	III		\$289	\$170	\$459
area east of elevator	05-356416	40%	mjp on wrapped cardboard/paper	OHA	8 4 in.	O.D. DW	25	III		\$225	\$125	\$350
area east of elevator	05-356416	40%	mjp on wrapped cardboard/paper	OHA	7 6 in.	O.D. DW	25	III		\$271	\$159	\$430
	05-356417	50%					25	III				

ASBESTOS ASSES SURVEY

H-K Building #25
Project Number: 0980193E
Project: G. HEILEMAN BREWERY "E"
Date Inspected: 03/27/89
Inspector: TIM SWARTZ

Building Number: 25
Building Name: FERMENTATION
SEATTLE, WASHINGTON
Building Type: BEER FERM.
Year Constructed: 1958

	05-356418	50%	25 III
--	-----------	-----	--------

AREA COMMENTS

AREA # 09 TOTAL \$1,824 \$1,110 \$2,934

The materials are in good condition with minor contact damage. The materials are approximately 5' to 12' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

*****	AREA NUMBER: 10	AREA DESCRIPTION: Stairwells	AREA AVERAGE % ASBESTOS: 20%	*****
-------	-----------------	------------------------------	------------------------------	-------

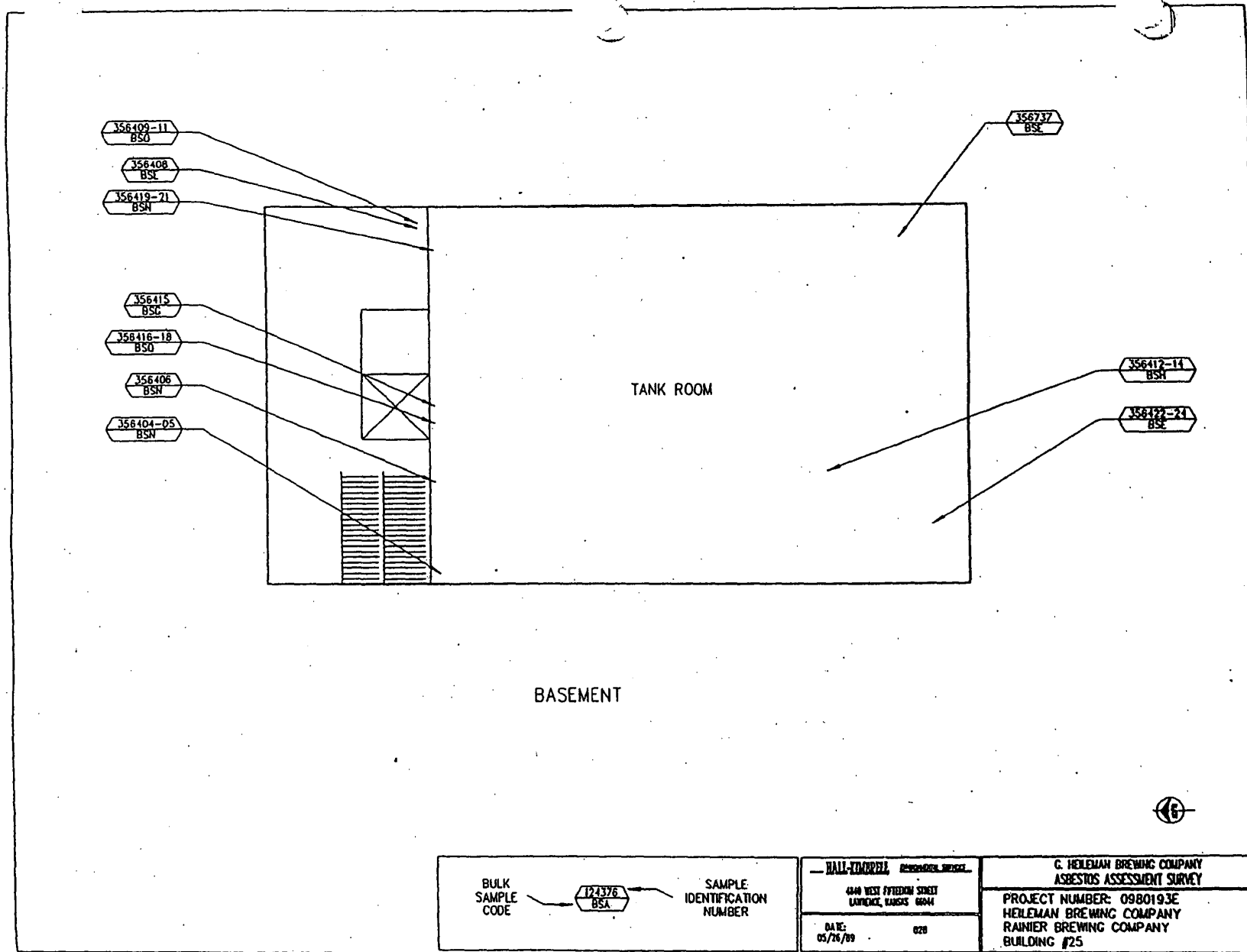
LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
2nd floor	00-356425	10%	wrapped cardboard/paper pipe	OMA	12 ft.	4 in. O.D.	DW	25	III	\$107	\$67	\$174
3rd floor	00-356430	10%	wrapped cardboard/paper pipe	OMA	12 ft.	4 in. O.D.	DW	25	III	\$107	\$67	\$174
4th floor	00-356435	10%	wrapped cardboard/paper pipe	OMA	12 ft.	4 in. O.D.	DW	25	III	\$107	\$67	\$174
2nd floor	08-356426	35%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D.	DW	25	III	\$28	\$16	\$44
	08-356427	32%						25	III			
	08-356428	30%						25	III			
3rd floor	09-356431	33%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D.	DW	25	III	\$28	\$16	\$44
	09-356432	20%						25	III			
	09-356433	40%						25	III			
4th floor	10-356436	20%	mjp on wrapped cardboard/paper	OMA	1 4 in.	O.D.	DW	25	III	\$28	\$16	\$44
	10-356437	30%						25	III			
	10-356438	30%						25	III			

AREA COMMENTS

AREA # 10 TOTAL \$405 \$249 \$654

The materials are in good condition with minor contact damage. The materials are approximately 6' to 16' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, localized glove bag removal procedures are recommended. This appears to be a high traffic area.

BUILDING # 25 TOTAL \$17,821 \$10,894 \$28,715



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-THORPE ENVIRONMENTAL SERVICES

4440 WEST FIFTEENTH STREET
LAURENCE, KANSAS 66044

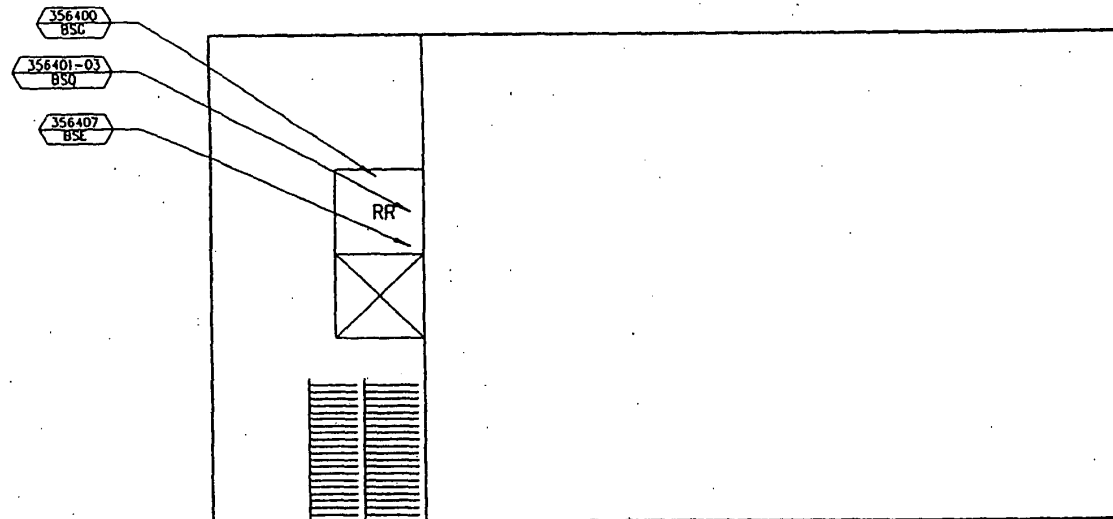
DATE:
05/16/99

020

G. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #25

RCLLC 0002047

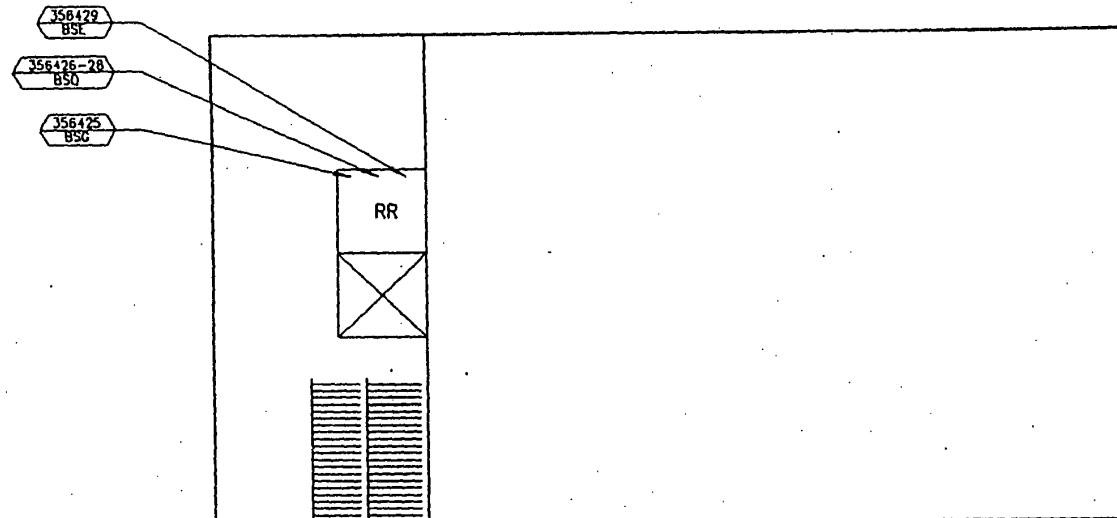


FIRST FLOOR



BULK SAMPLE CODE	124378 BSA	SAMPLE IDENTIFICATION NUMBER	HALL-KIMBLEL RESEARCH, INC.		C. HEILEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY
			4340 WEST 17TH AVE LEWISVILLE, KANSAS 66041		
DATE: 05/26/89			028A		PROJECT NUMBER: 0980193E HEILEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #25

RCLLC 0002048



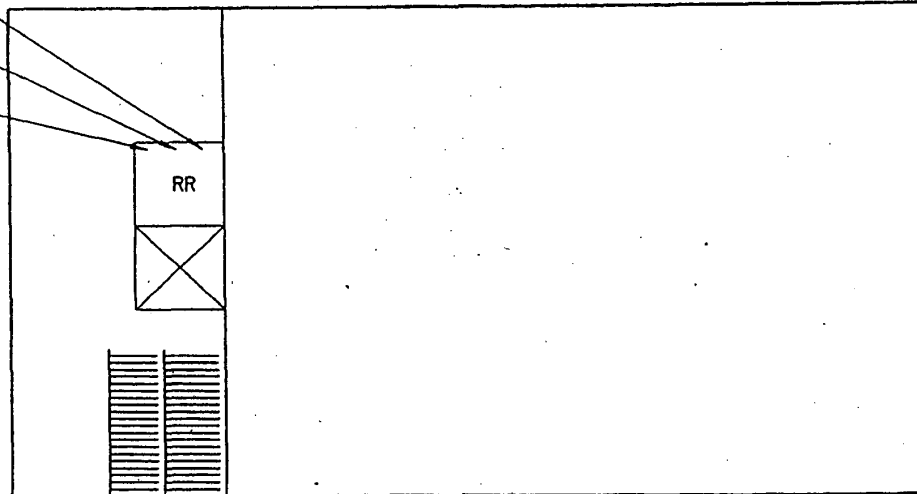
SECOND FLOOR

BULK SAMPLE CODE	 124376 BSA	SAMPLE IDENTIFICATION NUMBER	RAIL-TO-REEL <small>DECONTAMINATION SERVICE</small> 4840 WEST 57TH AVENUE STREET LAURENCE, KANSAS 66044		G. HELEMAN BREWING COMPANY ASBESTOS ASSESSMENT SURVEY	
			DATE: 05/26/89	0788	PROJECT NUMBER: 0980193E HELEMAN BREWING COMPANY RAINIER BREWING COMPANY BUILDING #25	

356431-33
BSO

356434
BSL

356430
BSC



THIRD FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

RAIL-KIMBELL LABORATORY SERVICE

444 WEST FIFTEEN STREET
LAUREL, KANSAS 66044

DATE:
05/26/89

078C

C. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #25

356440-47
BSO

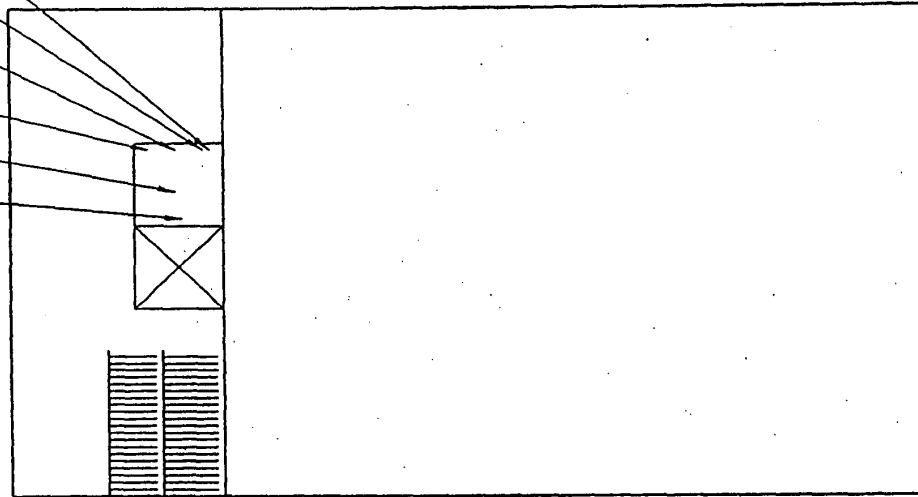
356436-38
BSO

356435
BSO

356439
BSO

JANITOR'S
CLOSET

356443-45
BSX



FOURTH FLOOR



BULK
SAMPLE
CODE

124376
BSA

SAMPLE
IDENTIFICATION
NUMBER

HALL-EDWARDS

4840 WEST FIFTH AVENUE
LAURENCE, KANSAS 66044

DATE:
06/26/99

0280

C. HEILEMAN BREWING COMPANY
ASBESTOS ASSESSMENT SURVEY

PROJECT NUMBER: 0980193E
HEILEMAN BREWING COMPANY
RAINIER BREWING COMPANY
BUILDING #25

